

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

5. Lease Serial No.
UTU-79834

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA Agreement, Name and No.
N/A

8. Lease Name and Well No.
Federal 5-15-9-16

9. API Well No.
4301333138

10. Field and Pool, or Exploratory
Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area
SW/NW Sec. 15, T9S R16E

12. County or Parish
Duchesne

13. State
UT

1a. Type of Work: ☒ DRILL ☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

2. Name of Operator
Newfield Production Company

3a. Address
Route #3 Box 3630, Myton UT 84052

3b. Phone No. (include area code)
(435) 646-3721

4. Location of Well (Report location clearly and in accordance with any State requirements.)*

At surface SW/NW 1791' FNL 578' FWL 375754X 40.093197

At proposed prod. zone 4431604Y 40.112135

14. Distance in miles and direction from nearest town or post office*
Approximatley 20.2 miles southwest of Myton, Utah

15. Distance from proposed*
location to nearest
property or lease line, ft.
(Also to nearest drig. unit line, if any) Approx. 578' f/lse, NA' f/unit

16. No. of Acres in lease
160.00

17. Spacing Unit dedicated to this well
40 Acres

18. Distance from proposed location*
to nearest well, drilling, completed,
applied for, on this lease, ft. Approx. 1987'

19. Proposed Depth
6055'

20. BLM/BIA Bond No. on file
UTB000192

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5808' GL

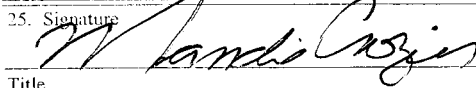
22. Approximate date work will start*
2nd Quarter 2006

23. Estimated duration
Approximately seven (7) days from spud to rig release

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

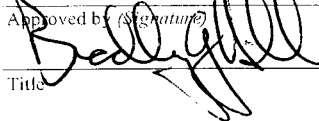
1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature


Name (Printed/Typed)
Mandie Crozier

Date
3/17/06

Title
Regulatory Specialist

Approved by (Signature)


Name (Printed/Typed)
BRADLEY G. HILL
ENVIRONMENTAL MANAGER

Date
04-17-06

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

Federal Approval of this
Action is Necessary

RECEIVED

APR 04 2006

DIV. OF OIL, GAS & MINING

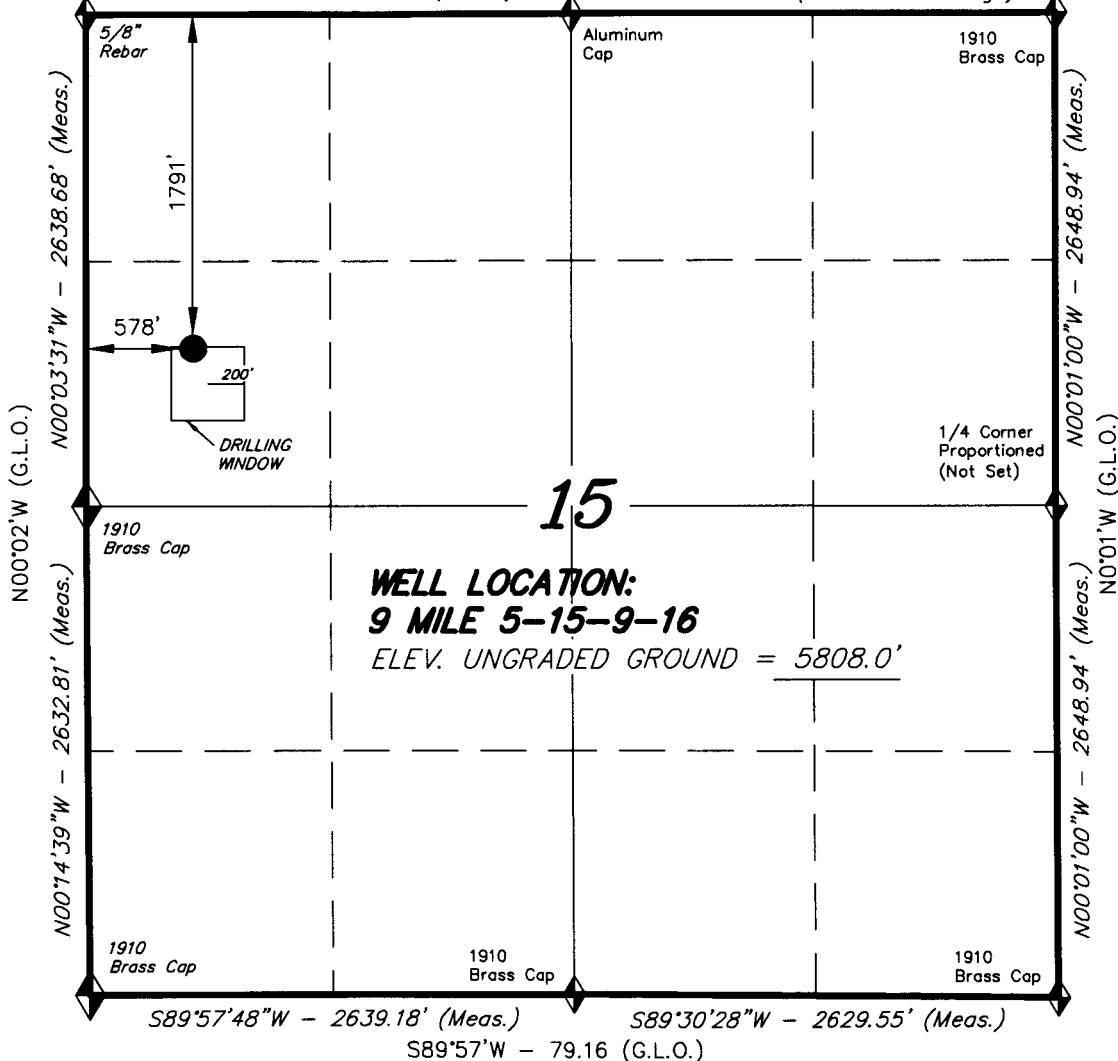
T9S, R16E, S.L.B.&M.

S89°59'W - 79.88 (G.L.O.)

2636.04' (Measured)

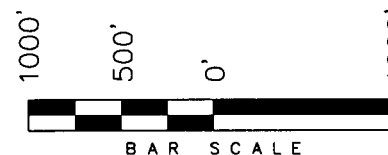
S89°59'W G.L.O. (Basis of Bearings)

S89°53'49"W - 2644.98' (Meas.)

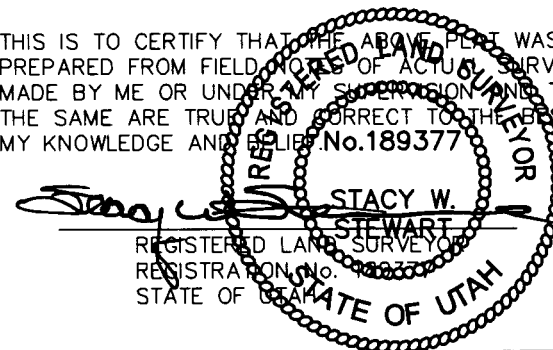


NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 5-15-9-16,
LOCATED AS SHOWN IN THE SW 1/4 NW
1/4 OF SECTION 15, T9S, R16E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377



TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 1-18-06	SURVEYED BY: K.S.
DATE DRAWN: 1-26-06	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SE)

9 MILE 5-15-9-16
(Surface Location) NAD 83
LATITUDE = 40° 01' 59.54"
LONGITUDE = 110° 06' 46.00"



March 31, 2006

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: Federal 5-15-9-16, 12-15-9-16, and 13-15-9-16.

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed Federal 12-15-9-16 is an Exception Location. Our Land Department will send you the required Exception Location Letter. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

A handwritten signature in cursive script that reads "Mandie Crozier".

Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED

APR 04 2006

DIV. OF OIL, GAS & MINING

**NEWFIELD PRODUCTION COMPANY
FEDERAL #5-15-9-16
SW/NW SECTION 15, T9S, R16E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 2460'
Green River	2460'
Wasatch	6055'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 2460' – 6055' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

**NEWFIELD PRODUCTION COMPANY
FEDERAL #5-15-9-16
SW/NW SECTION 15, T9S, R16E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Federal #5-15-9-16 located in the SW 1/4 NW 1/4 Section 15, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southwesterly - 10.9 miles \pm to it's junction with an existing road to the northeast; proceed northeasterly and then southwesterly - 7.7 miles \pm to it's junction with the beginning of the proposed access road; proceed northwesterly along the proposed access road - 190' \pm to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

All permanent surface equipment will be painted Carlsbad Canyon.
Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey for this area is attached. MOAC Report #05-500, 12/1/05. The Paleontological Resource Survey will be forthcoming. See attached report cover page, Exhibit "D".

For the Federal #5-15-9-16 Newfield Production Company requests 190' of disturbed area be granted in Lease UTU-79834 to allow for construction of the proposed access road. **Refer to Topographic Map "B"**. The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 190' of disturbed area be granted in Lease UTU-79834 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests a 2,010' ROW in Lease UTU-017985 and 810' of disturbed area be granted in Lease UTU-79834 to allow for construction of the proposed water lines. It is proposed that the ROW and disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

Golden Eagle: Due to this proposed well access roads proximity (less than 0.5 mile) to an existing inactive golden eagle nest site, no new construction or surface disturbing activities will be allowed between March 1 and May 15. If the nest remains inactive on May 15th (based on a pre-construction survey by a qualified biologist), the operator may construct and drill the location

between May 15 and March 1 of the following year. If the nest site becomes active prior to May 15, no new construction or surface disturbing activities will be allowed within 0.5 mile of the nest until the nest becomes inactive for two full breeding seasons. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

Sage Grouse: If new construction or surface disturbing activities are scheduled to occur between March 1 and June 30, detailed surveys of the area within 0.5 mile of the proposed location must be conducted to detect the presence of sage grouse. All surveys must be conducted in accordance with the survey protocols outlined in the most recent USFWS Survey Protocol. Surveys must be completed prior to initiating new construction or surface disturbing activities. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

Reserve Pit Liner

A 12 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Crested Wheatgrass	<i>Agropyron Cristatum</i>	4 lbs/acre
Needle and Threadgrass	<i>Stipa Comata</i>	4 lbs/acre
Indian Ricegrass	<i>Oryzopsis Hymenoides</i>	4 lbs/acre

Details of the On-Site Inspection

The proposed Federal #5-15-9-16 was on-sited on 11/30/05. The following were present; Shon Mckinnon (Newfeild Production), Melissa Hawk (Bureau of Land Management), and Amy Torres (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Shon Mckinnon
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

Certification

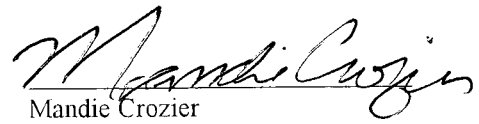
Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #5-15-9-16 SW/NW Section 15, Township 9S, Range 16E, Lease UTU-79834 Duchesne County, Utah; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and

subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

3/17/06

Date

A handwritten signature in cursive script, reading "Mandie Crozier".

Mandie Crozier

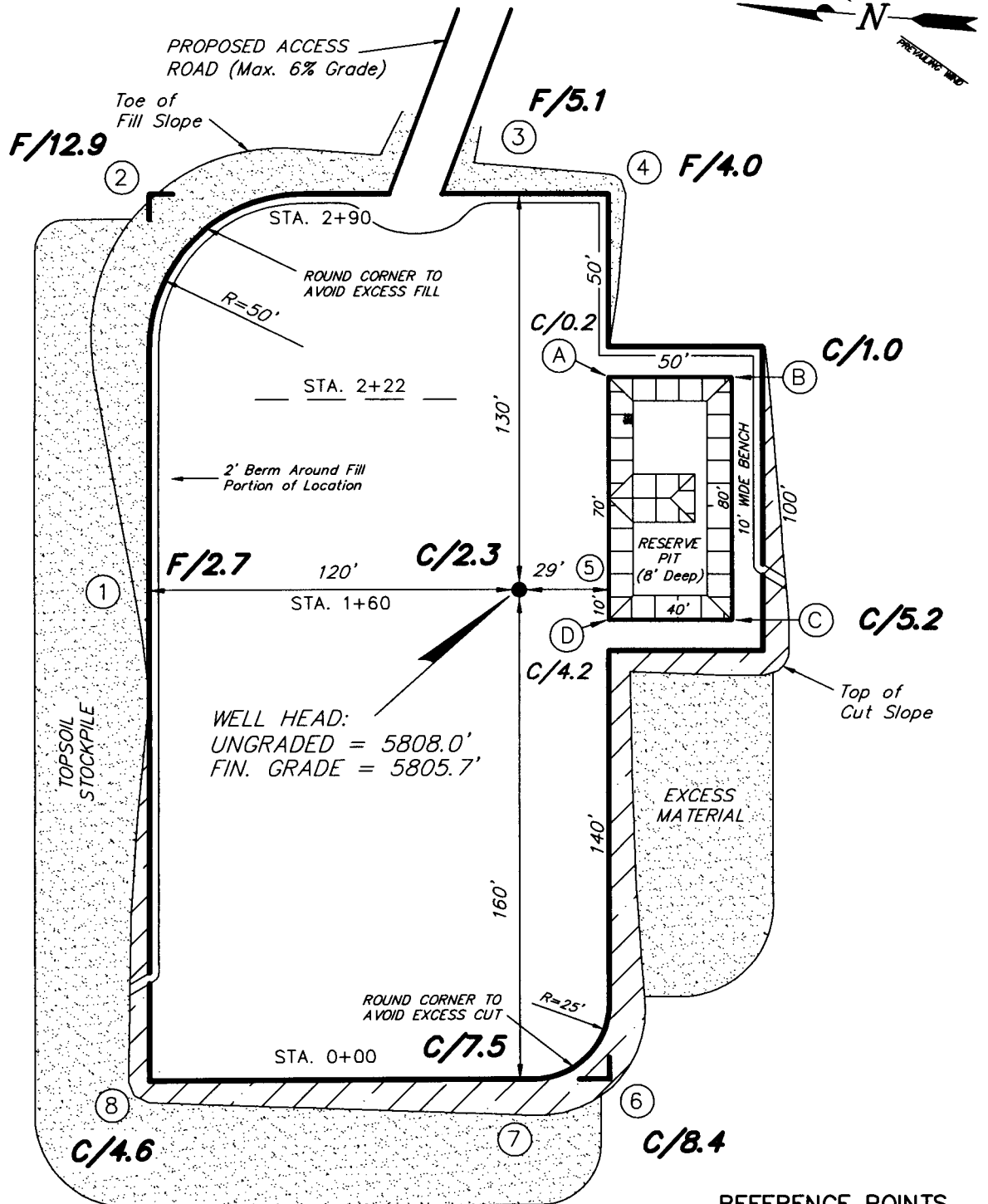
Regulatory Specialist

Newfield Production Company

NEWFIELD PRODUCTION COMPANY

9 MILE 5-15-9-16

Section 15, T9S, R16E, S.L.B.&M.



REFERENCE POINTS

210' WEST = 5814.6'
 260' WEST = 5815.1'
 170' NORTH = 5801.0'

SURVEYED BY: K.S.

SCALE: 1" = 50'

DRAWN BY: M.W.

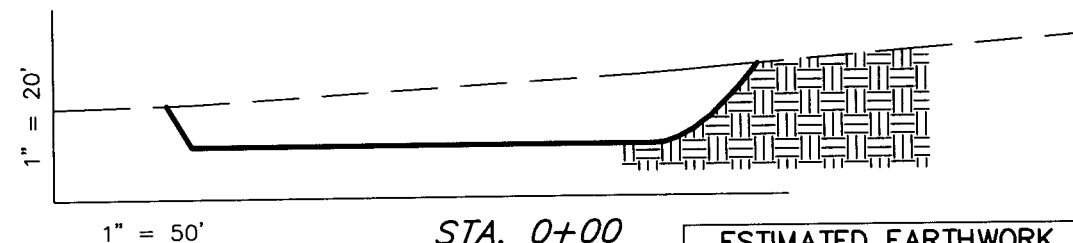
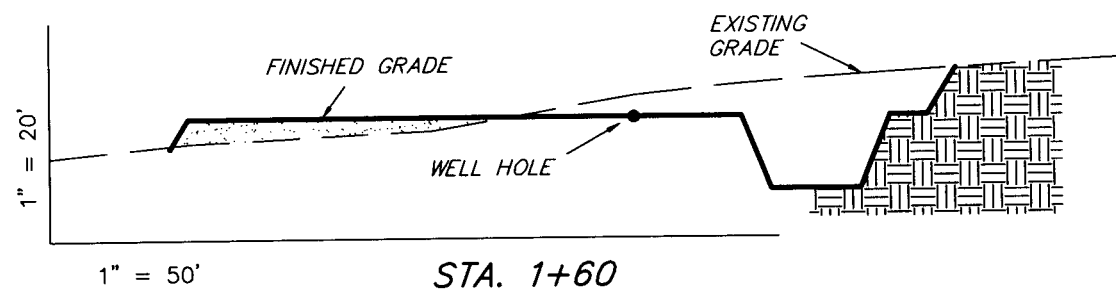
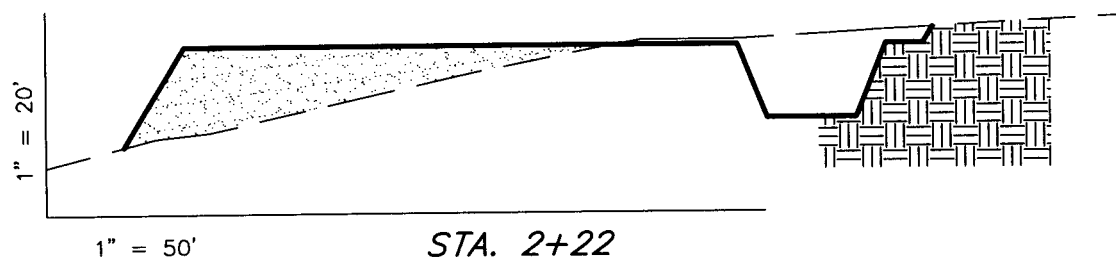
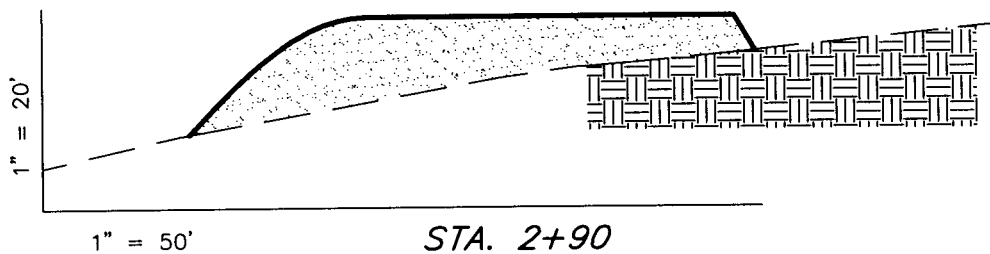
DATE: 1-26-06

Tri State
 Land Surveying, Inc.

(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY
CROSS SECTIONS
9 MILE 5-15-9-16



NOTE:
UNLESS OTHERWISE NOTED
ALL CUT/FILL SLOPES ARE
AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES
(No Shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	3,770	3,770	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	4,410	3,770	1,035	640

SURVEYED BY: K.S.

SCALE: 1" = 50'

DRAWN BY: M.W.

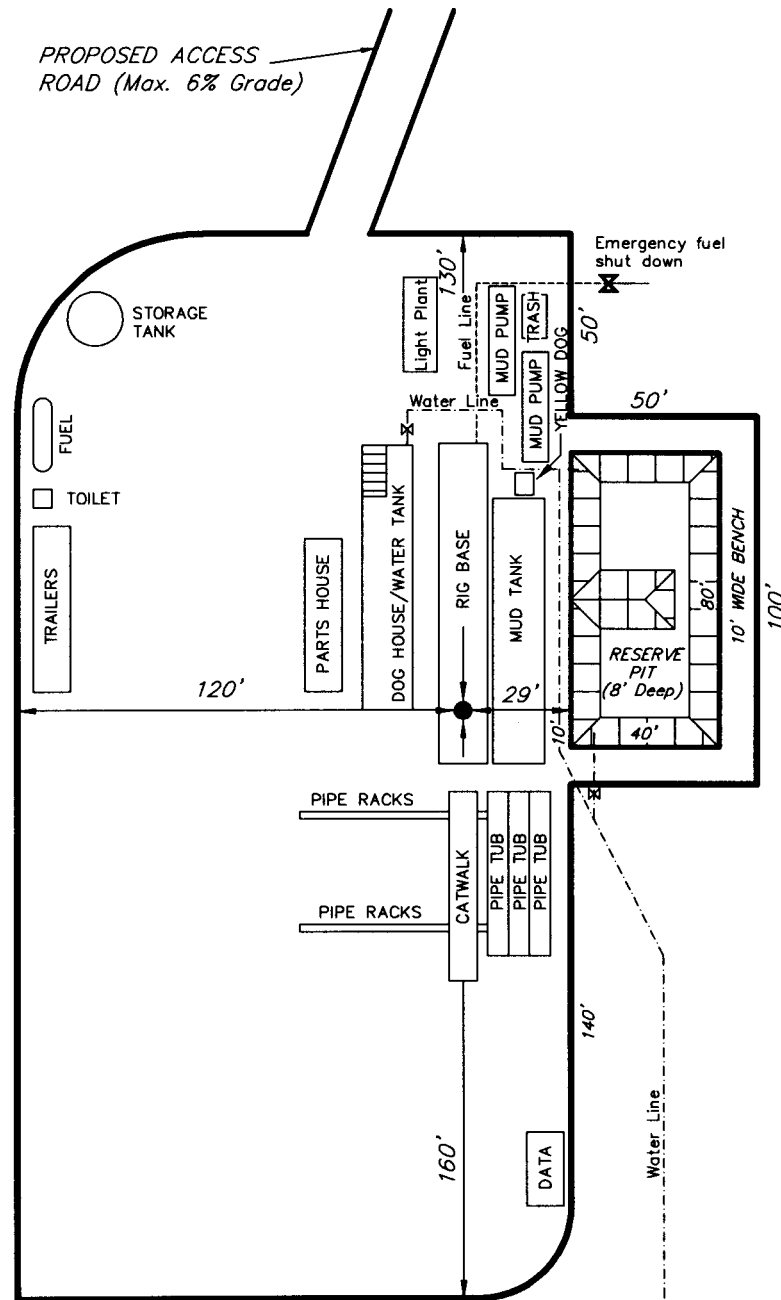
DATE: 1-26-06

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

9 MILE 5-15-9-16



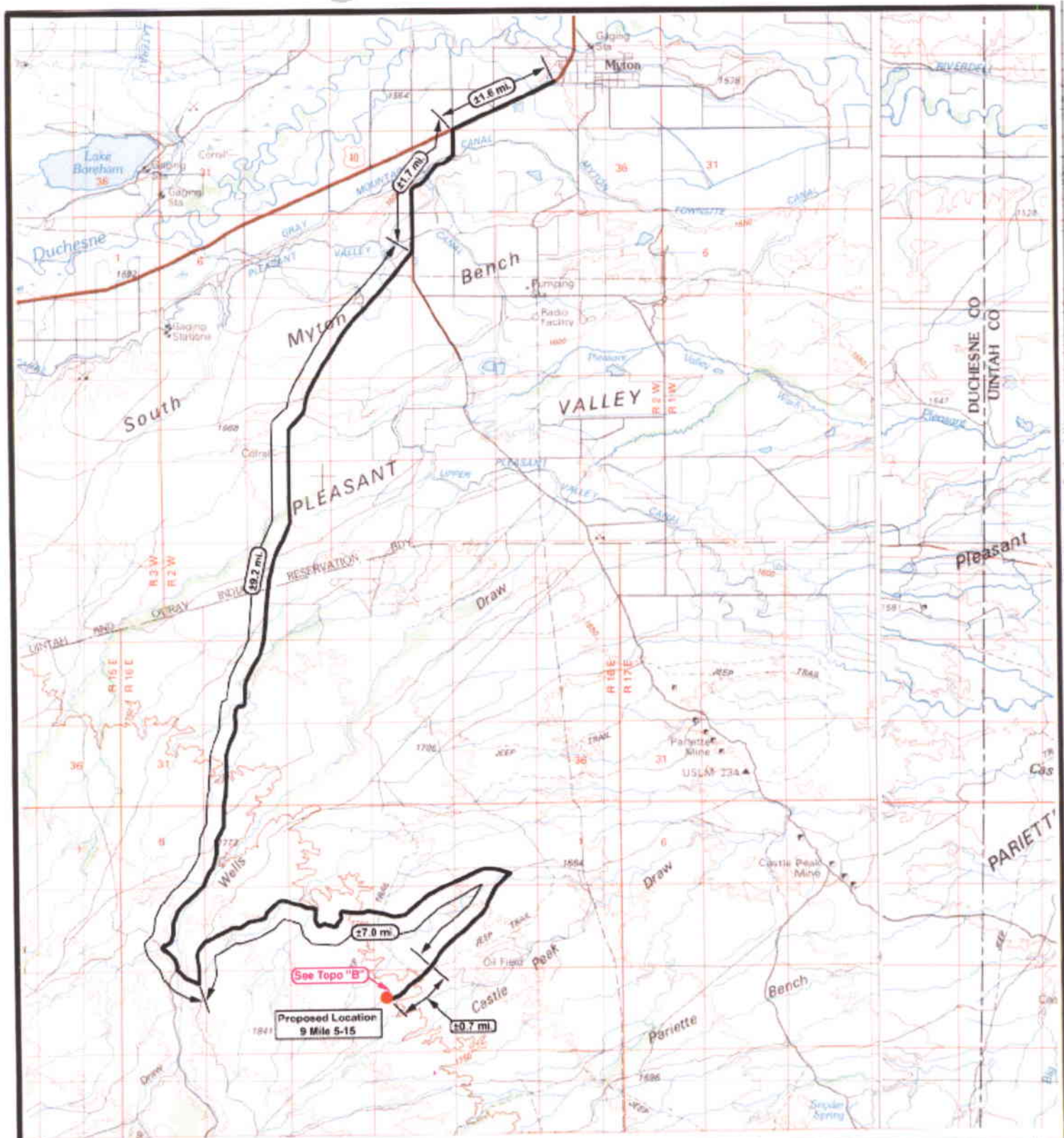
SURVEYED BY: K.S.

SCALE: 1" = 50'

DRAWN BY: M.W.

DATE: 1-26-06

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501



NEWFIELD
Exploration Company

9 Mile 5-15-9-16
SEC. 15, T9S, R16E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501

180 North Vernal Ave., Vernal, Utah 84078

SCALE: 1 = 100,000

DRAWN BY: mw

DATE: 01-26-2006

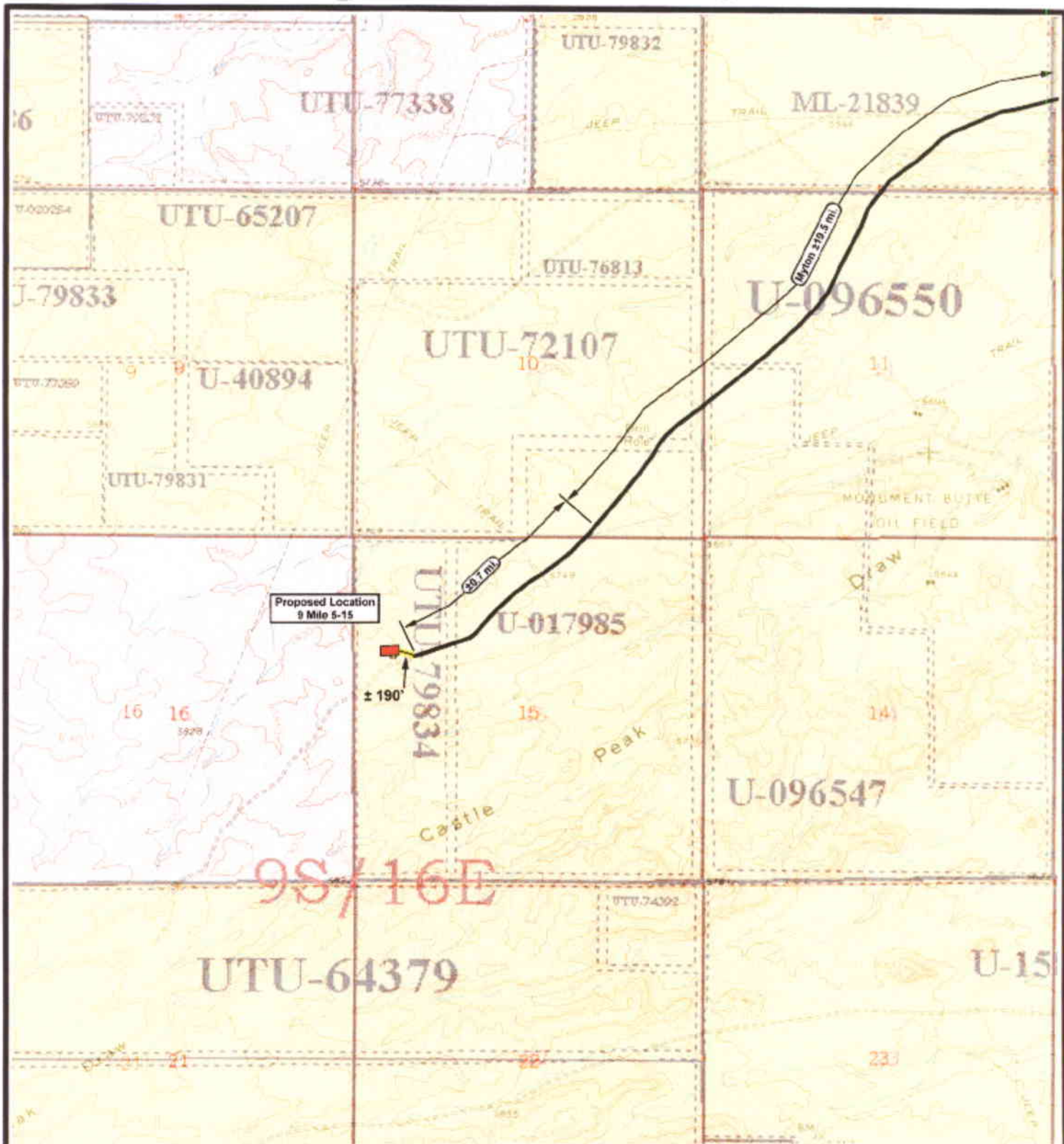
Legend


Existing Road

Proposed Access

TOPOGRAPHIC MAP

"A"





NEWFIELD
Exploration Company

9 Mile 5-15-9-16
SEC. 15, T9S, R16E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

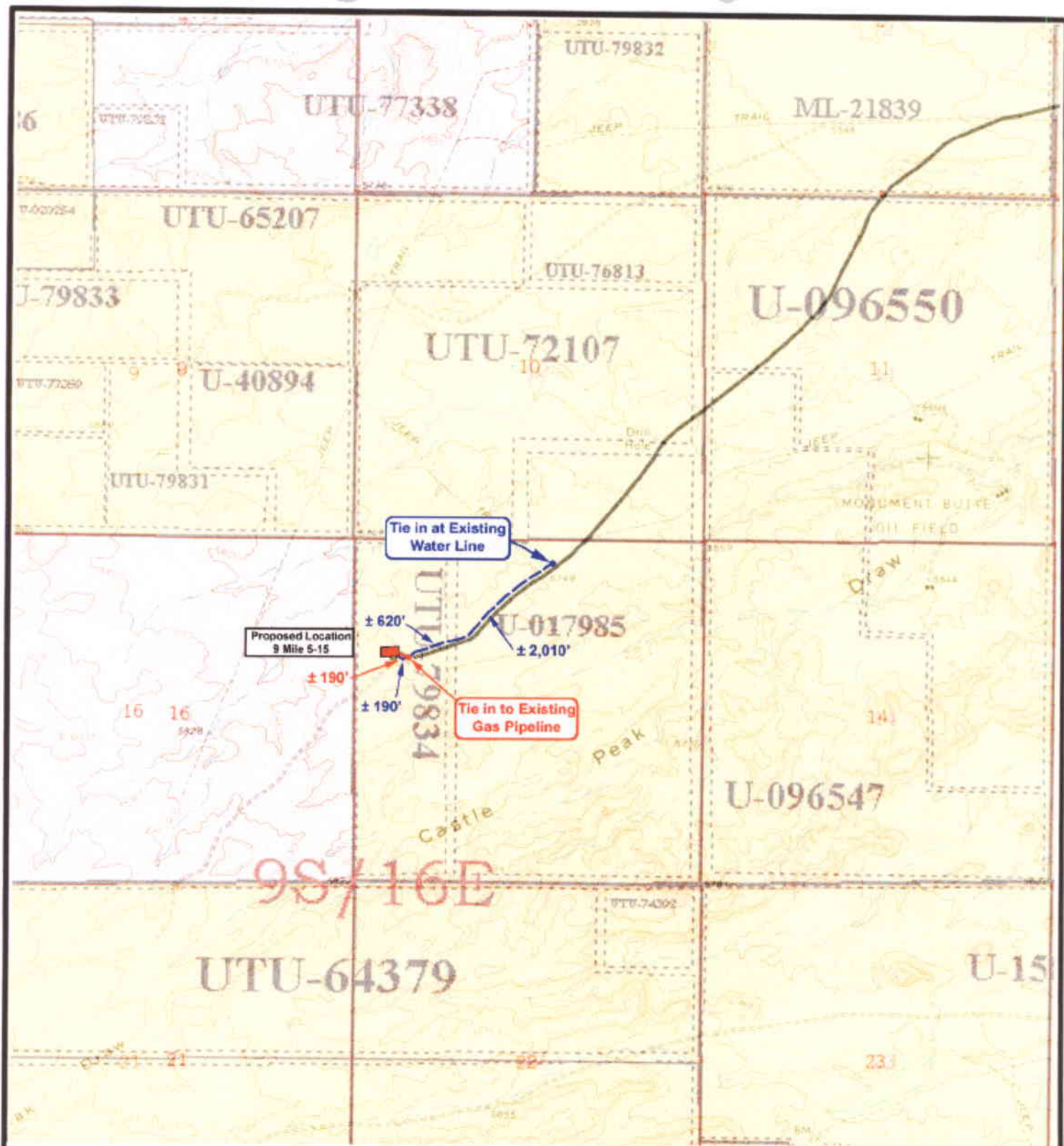
SCALE: 1" = 2000'
DRAWN BY: miw
DATE: 01-26-2006

Legend

Existing Road
Proposed Access

TOPOGRAPHIC MAP

"B"



NEWFIELD
Exploration Company

9 Mile 5-15-9-16
SEC. 15, T9S, R16E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501

180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2000'

DRAWN BY: mw

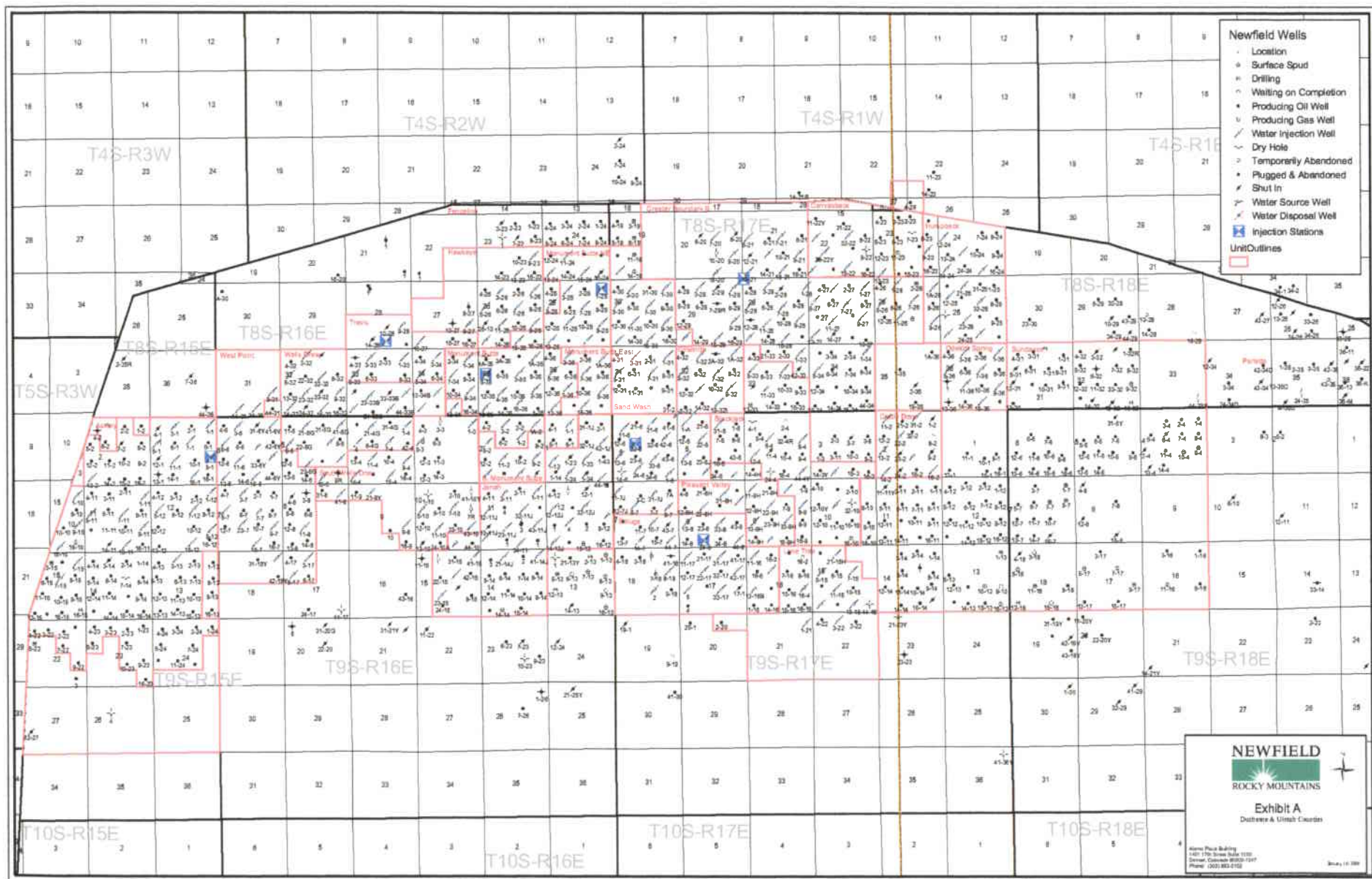
DATE: 01-26-2006

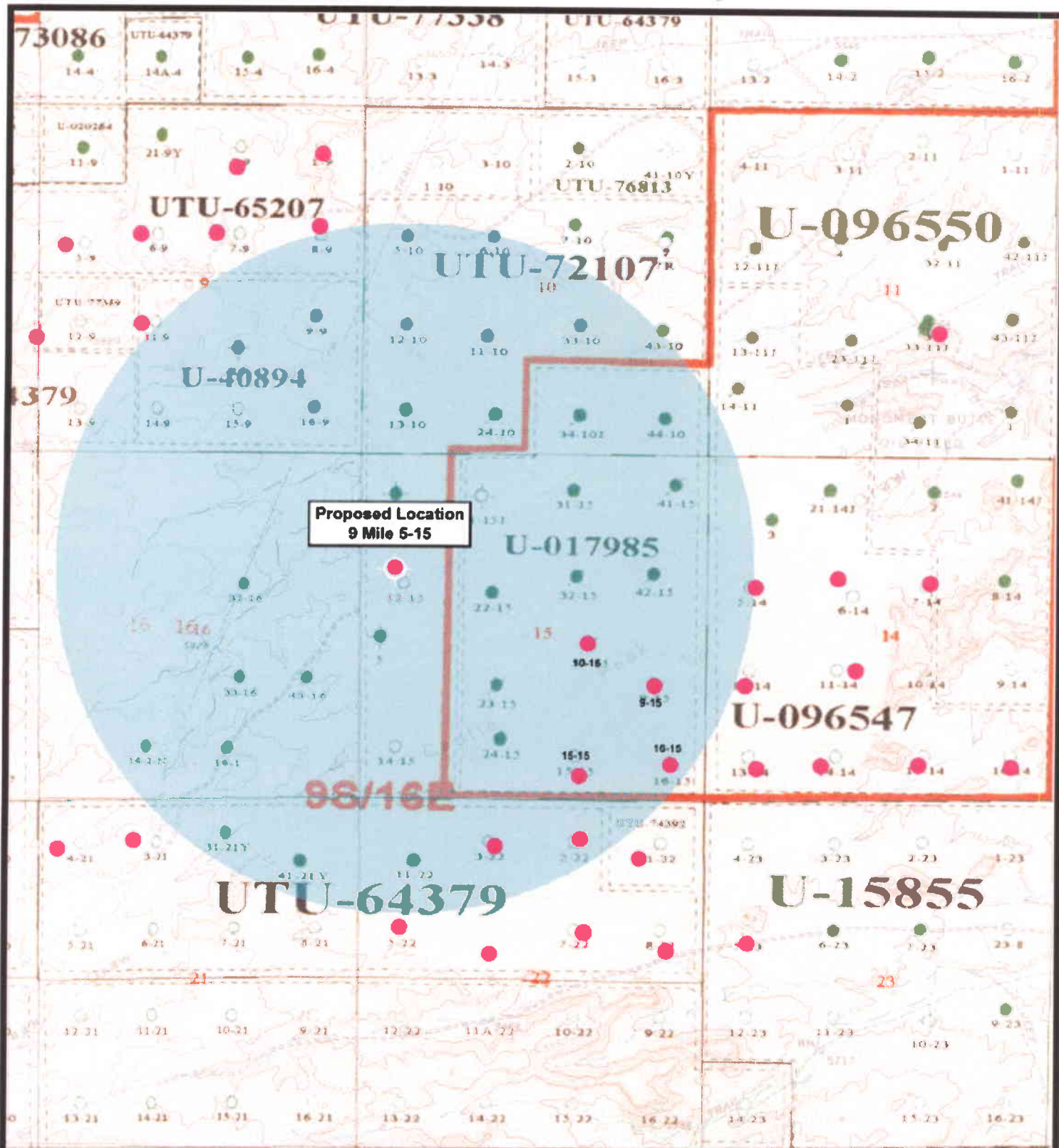
Legend

- Roads
- Proposed Gas Line
- Proposed Water Line

TOPOGRAPHIC MAP

"C"





**Proposed Location
9 Mile 5-15**



NEWFIELD
Exploration Company

**9 Mile 5-15-9-16
SEC. 15, T9S, R16E, S.L.B.&M.**



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84076

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 01-26-2006

Legend

- Well Locations
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

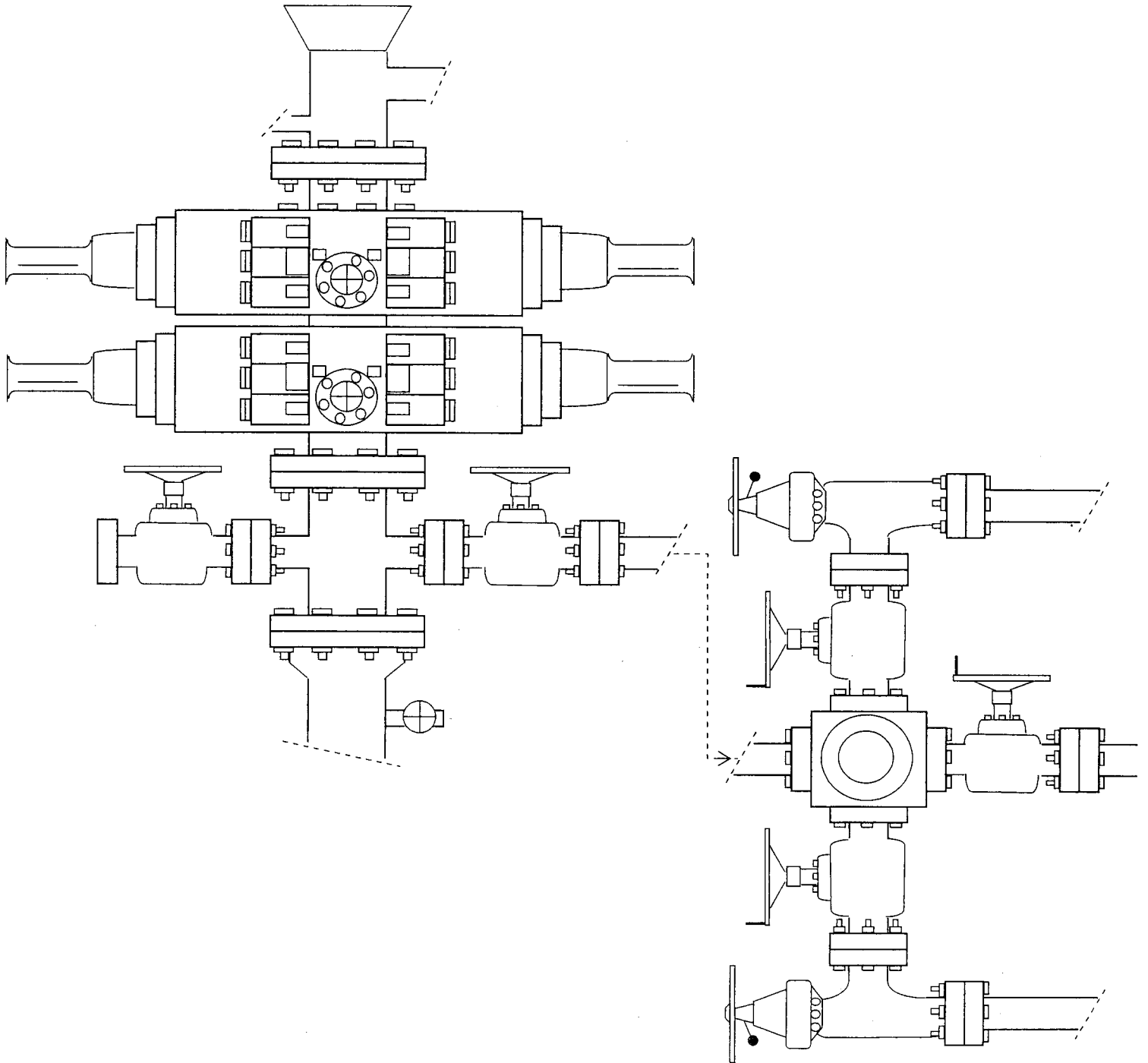


EXHIBIT C

Exhibit "D"

CULTURAL RESOURCE INVENTORY OF
NEWFIELD EXPLORATION'S TWO 40 ACRE
PARCELS IN TOWNSHIP 9S, RANGE 16E,
SECTION 15, DUCHESNE COUNTY, UTAH

By:

Jenn Mueller
and
Keith Montgomery

Prepared For:

Bureau of Land Management
Vernal Field Office

Prepared Under Contract With:

Newfield Exploration Company
Rt. 3 Box 3630
Myton, UT 84052

Submitted By:

Keith R. Montgomery
Montgomery Archaeological Consultants, Inc.
P.O. Box 147
Moab, Utah 84532

MOAC Report No. 05-500

December 1, 2005

United States Department of Interior (FLPMA)
Permit No. 05-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-05-MQ-1407b

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 04/04/2006

API NO. ASSIGNED: 43-013-33138

WELL NAME: FEDERAL 5-15-9-16

OPERATOR: NEWFIELD PRODUCTION (N2695)

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SWNW 15 090S 160E

SURFACE: 1791 FNL 0578 FWL

BOTTOM: 1791 FNL 0578 FWL

COUNTY: DUCHESNE

LATITUDE: 40.03315 LONGITUDE: -110.1121

UTM SURF EASTINGS: 575754 NORTHINGS: 4431604

FIELD NAME: MONUMENT BUTTE (105)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-79834

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UTB000192)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. MUNICIPAL)
☒ RDCC Review (Y/N)
(Date: _____)
☒ Fee Surf Agreement (Y/N)
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

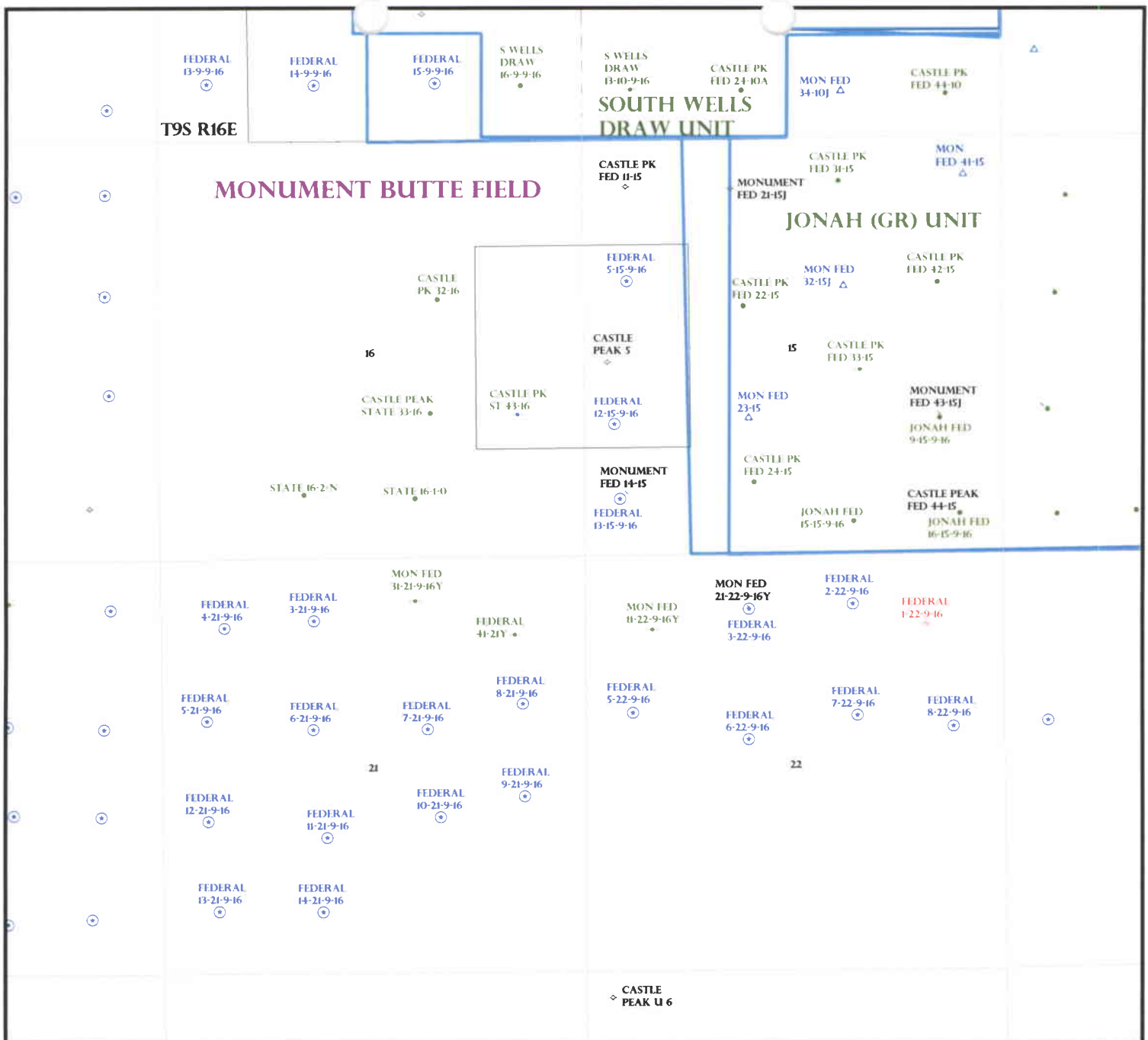
____ R649-2-3.
Unit: _____
☒ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
____ R649-3-3. Exception
____ Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____
____ R649-3-11. Directional Drill

COMMENTS:

SOP. Separate file

STIPULATIONS:

*1- Fed up Approval
2- Spacing SOP*



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 15 T. 9S R. 16E

FIELD: MONUMENT FIELD (105)

COUNTY: DUCHESNE

SPACING: R649-3-2 / GENERAL SITING

Field Status
 [Black Box] ABANDONED
 [Pink Box] ACTIVE
 [Light Blue Box] COMBINED
 [Light Green Box] INACTIVE
 [Light Yellow Box] PROPOSED
 [Light Purple Box] STORAGE
 [White Box] TERMINATED

Unit Status
 [White Box] EXPLORATORY
 [Light Blue Box] GAS STORAGE
 [Light Green Box] NF PP OIL
 [Light Yellow Box] NF SECONDARY
 [Light Purple Box] PENDING
 [Light Blue Box] PI OIL
 [Light Green Box] PP GAS
 [Light Yellow Box] PP GEOTHERML
 [Light Purple Box] PP OIL
 [Light Blue Box] SECONDARY
 [White Box] TERMINATED

Wells Status
 [Red Star] GAS INJECTION
 [Red Star] GAS STORAGE
 [Red Star] LOCATION ABANDONED
 [Red Star] NEW LOCATION
 [Red Star] PLUGGED & ABANDONED
 [Red Star] PRODUCING GAS
 [Red Star] PRODUCING OIL
 [Red Star] SHUT-IN GAS
 [Red Star] SHUT-IN OIL
 [Red Star] TEMP. ABANDONED
 [Red Star] TEST WELL
 [Red Star] WATER INJECTION
 [Red Star] WATER SUPPLY
 [Red Star] WATER DISPOSAL
 [Red Star] DRILLING



PREPARED BY: DIANA WHITNEY
 DATE: 13-APRIL-2006



State of Utah

Department of Natural Resources

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

April 17, 2006

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052

Re: Federal 5-15-9-16 Well, 1791' FNL, 578' FWL, SW NW, Sec. 15, T. 9 South,
R. 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33138.

Sincerely,

A handwritten signature in black ink, appearing to read "Gil Hunt".

Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office

Operator: Newfield Production Company
Well Name & Number Federal 5-15-9-16
API Number: 43-013-33138
Lease: UTU-79834

Location: SW NW **Sec. 15** **T. 9 South** **R. 16 East**

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

UTU-79834

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

FEDERAL 5-15-9-16

9. API Well No.

43-013-33138

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UT.

SUBMIT IN TRIPLICATE

1. Type of Well



Oil
Well



Gas
Well



Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

1791 FNL 578 FWL SW/NW Section 15, T9S R16E

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION



Notice of Intent



Subsequent Report



Final Abandonment Notice

TYPE OF ACTION



Abandonment



Recompletion



Plugging Back



Casing Repair



Altering Casing



Other

Permit Extension



Change of Plans



New Construction



Non-Routine Fracturing



Water Shut-Off



Conversion to Injection



Dispose Water

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is direction-ally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 4/17/06 (expiration 4/17/07).

This APD has not been approved yet by the BLM.

Approved by the
Utah Division of
Oil, Gas and Mining

Date:

By:

COPY SENT TO OPERATOR

Date:

Initials:

RECEIVED

APR 09 2007

14. I hereby certify that the foregoing is true and correct

Signed

Mandie Crozier
Mandie Crozier

Title

Regulatory Specialist

Date

4/4/2007

DIV. OF OIL, GAS & MINING

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 43-013-33138
Well Name: Federal 5-15-9-16
Location: SW/NW Section 15, T9S R16E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 4/17/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☐

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

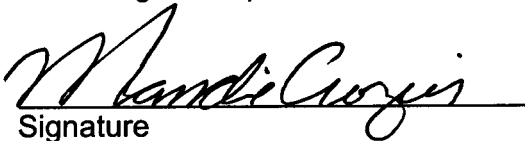
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐


Signature

4/4/2007

Date

Title: Regulatory Specialist

Representing: Newfield Production Company

RECEIVED

APR 09 2007

DIV. OF OIL, GAS & MINING

RECEIVED

APR 03 2006

Form 3160-3
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

BLM VERNAL, UTAH

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004


APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-79834
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. N/A
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721	8. Lease Name and Well No. Federal 5-15-9-16
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SW/NW 1791' FNL 578' FWL At proposed prod. zone		9. API Well No. 43-013-33138
14. Distance in miles and direction from nearest town or post office* Approximatley 20.2 miles southwest of Myton, Utah		10. Field and Pool, or Exploratory Monument Butte
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 578' f/lse, NA' f/unit		11. Sec., T., R., M., or Blk. and Survey or Area SW/NW Sec. 15, T9S R16E
16. No. of Acres in lease 160.00	17. Spacing Unit dedicated to this well 40 Acres	12. County or Parish Duchesne
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1987'	19. Proposed Depth 6055'	13. State UT
20. BLM/BIA Bond No. on file UTB000192	21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5808' GL	22. Approximate date work will start* 2nd Quarter 2006
23. Estimated duration Approximately seven (7) days from spurt to rig release		

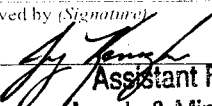
24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification.
- Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature: 	Name (Printed/Typed) Mandie Crozier	Date 3/17/06
----------------------------------------------------------------------------------------------------	----------------------------------------	-----------------

Title
Regulatory Specialist

Approved by (Signature): 	Name (Printed/Typed) Jacey Kenczka	Date 4-19-2007
--------------------------------------------------------------------------------------------------------------	---------------------------------------	-------------------

Title
Assistant Field Manager
Lands & Mineral Resources

Office
VERNAL FIELD OFFICE

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

RECEIVED

APR 24 2007

NOTICE OF APPROVAL

DIV. OF OIL, GAS & MINING

UDOGM

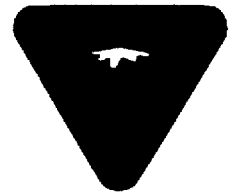
NO NOS

07BM4665A



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East VERNAL, UT 84078 (435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company Location: SWNW, Sec 15, T9S, R16E
Well No: Federal 5-15-9-16 Lease No: UTU-79834
API No: 43-013-33138 Agreement: N/A

Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Petroleum Engineer:	Jim Ashley	Office: 435-781-4470	Cell: 435-828-7874
Petroleum Engineer:	Ryan Angus	Office: 435-781-4430	
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Environmental Scientist:	Karl Wright	Office: 435-781-4484	
Natural Resource Specialist:	Holly Villa	Office: 435-781-4404	
Natural Resource Specialist:	Melissa Hawk	Office: 435-781-4476	
Natural Resource Specialist:	Chuck Macdonald	Office: 435-781-4441	
Natural Resource Specialist:	Darren Williams	Office: 435-781-4447	
Natural Resource Specialist:	Verlyn Pindell	Office: 435-781-3402	
After Hours Contact Number: 435-781-4513		Fax: 435-781-4410	

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

- | | |
|---------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Location Construction
(Notify Chuck Macdonald) | - Forty-Eight (48) hours prior to construction of location and access roads. |
| Location Completion
(Notify Chuck Macdonald) | - Prior to moving on the drilling rig. |
| Spud Notice
(Notify Petroleum Engineer) | - Twenty-Four (24) hours prior to spudding the well. |
| Casing String & Cementing
(Notify Jamie Sparger) | - Twenty-Four (24) hours prior to running casing and cementing all casing strings. |
| BOP & Related Equipment Tests
(Notify Jamie Sparger) | - Twenty-Four (24) hours prior to initiating pressure tests. |
| First Production Notice
(Notify Petroleum Engineer) | - Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days. |

***SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

LEASE STIPULATIONS AND NOTICES

- There is a Golden Eagle nest located within 0.5 miles of the proposed location. No construction or drilling shall occur from February 1 through July 15 to protect the Golden Eagles during the nesting season.
- No surface occupancy or use is allowed (does not apply to casual use) within ½ mile of Golden Eagle nests which have been active within the past two years. This restriction will not apply to maintenance and operation of existing programs and facilities. It will not apply if impacts can be mitigated through other management actions or site specific analysis of terrain features (**see comment number 1 below**).
- Lease Notices (field review and RMP): Lessee/operator is given notice the area has been identified as containing Golden Eagle and Ferruginous Hawk habitat. Modifications may be required in the Surface Use Plan to protect the Golden Eagle and Ferruginous Hawk and/or their habitat from surface disturbing activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.
- Adhere to Executive Order 5327 of April 15, 1930, stipulations for lands in oil shale withdrawal.
- Comments:
 1. **The Golden Eagle “No Surface Occupancy” Stipulation does not apply to this location. The Golden Eagle nest located within 0.5 miles of the location has not been active for the last 2 years.**
 2. The Division of Wildlife Resources has designated lands in this area as containing potential antelope habitat and Mountain Plover habitat.
 3. If it is anticipated that construction and drilling will occur within the timing limitation for the Golden Eagle, a BLM or qualified biologist must be contacted at least 2 weeks prior to the anticipated construction start date so surveys can be initiated.

CONDITIONS OF APPROVAL

- This well is being approved with 190 feet of disturbed area for Lease UTU-79834 to allow for construction of access roads. Access roads will be crowned (2 to 3%), ditched, and constructed with a running surface of 18 feet and a maximum disturbed width of 30 feet.
- This well is being approved with 190 feet of disturbed area in Lease UTU-79834 to allow for construction of the proposed gas lines. The disturbed area will be 50 feet wide to allow for construction of a 6” gas gathering line, and 3” poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure.
- This well is being approved with 2010 feet ROW of disturbed area in Lease UTU-17985, and 810 feet ROW in Lease UTU-79834 to allow for construction of the proposed water lines. It is

proposed that the disturbed area will be 50 feet wide to allow for construction of buried 3" steel water injection line and a buried 3" poly water return line.

- All applicable local, state, and/or federal laws, regulations, and/or statutes will be complied with.
- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- The access road will be crowned and ditched. Flat-bladed roads are not allowed.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- The reserve pit will be lined with a 12 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- If paleontologic or cultural materials are uncovered during construction, the operator shall immediately stop work that might further disturb or move such materials and contact the Authorized Officer (AO) within 48 hours. A determination will be made by the AO as to necessary mitigation for the discovered paleontologic/cultural material.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.
- The interim seed mix for this location shall be:

Crested wheatgrass (<i>Agropyron cristatum</i>):	4 lbs/acre
Needle and Threadgrass (<i>Hesperostipa comata</i>):	4 lbs/acre
Indian Ricegrass (<i>Achnatherum hymenoides</i>):	4 lbs/acre

- All pounds are in pure live seed.
 - Rates are set for drill seeding; double the rate if broadcasting.
 - Reseeding may be required if initial seeding is not successful.
- The operator will be responsible for treatment and control of invasive and noxious weeds.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural topology, topsoil shall be respread, and the entire location shall be seeded with a seed mix recommended by the AO (preferably of native origin). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding shall take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.
- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.
- Operator shall notify any active gilsonite mining operation within 2 miles of the location 48 hours prior to any blasting during construction for this well.

DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

1. A variance is granted for O.O. #2 III. E. 1.
 - a. The blooie line shall be straight or have targeted tees for bends in the line.
 - b. Not requiring an automatic igniter or continuous pilot on the blooie line.
2. Run a cement bond log from TD to the base of the surface casing shoe.

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
3. **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
4. Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

No aggressive/fresh hard-banded drill pipe shall be used within casing.

Cement baskets shall not be run on surface casing.

5. The lessee/operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled and analyzed (a copy of the analyses to be submitted to the BLM Field Office in Vernal, Utah).
6. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.
7. The lessee/operator must report encounters of all non oil and gas mineral resources (such as gilsonite, tar sands, oil shale, etc.) to the Vernal Field Office in writing within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
8. No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.
9. Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

10. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys,

sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.

11. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.

All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.

12. Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
13. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
14. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - a. Operator name, address, and telephone number.
 - b. Well name and number.
 - c. Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
 - e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).

- f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - g. Unit agreement and / or participating area name and number, if applicable.
 - h. Communitization agreement number, if applicable.
15. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
16. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production
17. Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
18. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: Newfield Production Company

Well Name: Federal 5-15-9-16

API No: 43-013-33138 Lease Type: Federal

Section 15 Township 09S Range 16E County Duchesne

Drilling Contractor NDSI Rig # NS#1

SPUDDED:

Date 5-25-07

Time 2:30 PM

How Dry

Drilling will Commence: _____

Reported by Justin Crum

Telephone # 435-823-3733

Date 5-29-07 Signed RM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
USA UTU-017985

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

8. Well Name and No.
FEDERAL 5-15-9-16

9. API Well No.
4301333138

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, UT

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SWNW Section 15 T9S R16E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Notice _____
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 5/25/07 MIRU NDSI NS#1.Spud well @ 2:30pm. Drill 310' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 311.55'On 5/27/07 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 7 bbls cement to pit. WOC.

RECEIVED

MAY 30 2007

DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and
correct (Printed/ Typed)

Don Bastian

Signature

Title

Drilling Foreman

Date

05/27/2007

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or
certify that the applicant holds legal or equitable title to those rights in the subject lease
which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United
States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 311.55

LAST CASING 8 5/8" set @ 311.55
 DATUM 12' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 310' LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR Newfield Production Company
 WELL Federal 5-15-9-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # NDSI NS #1

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe 41.25'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	299.7
		GUIDE shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			301.55
TOTAL LENGTH OF STRING		301.55	7	LESS CUT OFF PIECE			2
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH			311.55
TOTAL		299.7	7	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		299.7	7				
TIMING		1ST STAGE		GOOD CIRC THRU JOB _____ Yes Bbls CMT CIRC TO SURFACE _____ 7 RECIPROCATED PIPE FOR _____ NA BUMPED PLUG TO _____ 529			
BEGIN RUN CSG. Spud		5/23/2007	2:30 PM				
CSG. IN HOLE		5/25/2007	4:00 PM				
BEGIN CIRC		5/27/2007	8:26 AM				
BEGIN PUMP CMT		5/27/2007	8:37 AM				
BEGIN DSPL. CMT		5/27/2007	8:47 AM				
PLUG DOWN		5/27/2007	8:55 AM				
CEMENT USED		CEMENT COMPANY- B. J.					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield					
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING				
Centralizers - Middle first, top second & third for 3							

COMPANY REPRESENTATIVE Don Bastian DATE 5/27/2007

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84052

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	16146	4301332958	FEDERAL 2-22-9-16	NWNE	22	9S	16E	DUCHESNE	5/23/2007	5/31/07
WELL 1 COMMENTS: <i>GRRV</i>											
A	99999	16147	4301333067	FEDERAL 3-20-9-16	NENW	20	9S	16E	DUCHESNE	5/23/2007	5/31/07
WELL 2 COMMENTS: <i>GRRV</i>											
B	99999	16148	4301333138	FEDERAL 5-15-9-16	SWNW	15	9S	16E	DUCHESNE	5/25/2007	5/31/07
WELL 3 COMMENTS: <i>GRRV * OUTSIDE JONAH BOUNDARIES</i>											
A	99999		4301333109	FEDERAL 16-20-9-16	SESE	20	9S	16E	DUCHESNE	5/29/2007	
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - new entity for new well (single well only)
- B - well to existing entity (group or unit well)
- C - join one existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

RECEIVED

MAY 31 2007

DIV. OF OIL, GAS & MINING

Jentri Park
Signature
Jentri Park
Production Clerk
April 18, 2007
Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SWNW Section 15 T9S R16E

5. Lease Serial No.

USA UTU-017985

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

8. Well Name and No.

FEDERAL 5-15-9-16

9. API Well No.

4301333138

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report _____
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 5/29/07 MIRU NDSI Rig # 1. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 280'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6040'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 137 jt's of 5.5 J-55, 15.5# csgn. Set @ 6033' / KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.43 yld. Then 450 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 37 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 100,000#'s tension. Release rig @ 6:00 PM on 6/3/07.

RECEIVED
JUN 05 2007
DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and
correct (Printed/ Typed)

Justin Crum

Signature

Title

Drilling Foreman

Date

06/04/2007

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or
certify that the applicant holds legal or equitable title to those rights in the subject lease
which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United
States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 6033.39

LAST CASING 8 5/8" SET AT 311'
 DATUM 12' KB
 DATUM TO CUT OFF CASING 12'
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 6040 Loggers 6045' _____
 HOLE SIZE 7 7/8"

Flt cllr @ 5975'
 OPERATOR Newfield Production Company
 WELL Federal 5-15-9-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # NDSI # 1

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH	
		Landing Jt					14	
		Short jt 3945' (6.15')						
136	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5975.57	
		Float collar					0.6	
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	44.57	
		GUIDE shoe			8rd	A	0.65	
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING				6035.39
TOTAL LENGTH OF STRING		6035.39	137	LESS CUT OFF PIECE				14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG				12
PLUS FULL JTS. LEFT OUT		266.78	6	CASING SET DEPTH				6033.39
TOTAL		6286.92	143	} COMPARE				
TOTAL CSG. DEL. (W/O THRDS)		6286.92	143					
TIMING		1ST STAGE	2nd STAGE					
BEGIN RUN CSG.		6/2/2007	7:30 PM	GOOD CIRC THRU JOB				Yes
CSG. IN HOLE		6/2/2007	10:00 PM	Bbls CMT CIRC TO SURFACE				37
BEGIN CIRC		6/2/2007	10:00 PM	RECIPROCATED PIPE FOR				THRUSTROKE NA
BEGIN PUMP CMT		6/2/2007	11:28 PM	DID BACK PRES. VALVE HOLD ?				yes
BEGIN DSPL. CMT		6/3/2007	12:30 AM	BUMPED PLUG TO				1640 PSI
PLUG DOWN		6/3/2007	12:53 AM					
CEMENT USED		CEMENT COMPANY- B. J.						
STAGE	# SX	CEMENT TYPE & ADDITIVES						
1	300	Premlite II w/ 10% gel + 3 % KCL, 5#s /sk CSE + 2# sk/kolseal + 1/2#s/sk Cello Flake						
		mixed @ 11.0 ppg W / 3.43 cf/sk yield						
2	450	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD						
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING					
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.								

COMPANY REPRESENTATIVE Justin Crum DATE 6/3/2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.

USA UTU-017985

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

8. Well Name and No.

FEDERAL 5-15-9-16

9. API Well No.

4301333138

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SWNW Section 15 T9S R16E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Mandie Crozier

Signature

Title

Regulatory Specialist

Date

07/02/2007

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

JUL 03 2007

-DIV OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:

USA UTU-017985

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL:

OIL WELL ☒

GAS WELL ☐

OTHER

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

FEDERAL 5-15-9-16

2. NAME OF OPERATOR:

NEWFIELD PRODUCTION COMPANY

9. API NUMBER:

4301333138

3. ADDRESS OF OPERATOR:

Route 3 Box 3630

CITY Myton

STATE UT

ZIP 84052

PHONE NUMBER

435.646.3721

10. FIELD AND POOL, OR WILDCAT:

MONUMENT BUTTE

4. LOCATION OF WELL:

FOOTAGES AT SURFACE:

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWNW, 15, T9S, R16E

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 07/17/2007	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was completed on 07/02/07, attached is a daily completion status report.

NAME (PLEASE PRINT) Jentri Park

TITLE Production Clerk

SIGNATURE

DATE 07/17/2007

(This space for State use only)

RECEIVED

JUL 18 2007

DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

FEDERAL 5-15-9-16**4/1/2007 To 8/30/2007****6/21/2007 Day: 1****Completion**

Rigless on 6/20/2007 - Install 5m frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5944' & cement top @ 46'. Perforate stage #1, CP2 sds @ 5616-25' w/ 3-1/8" Slick Guns (19 gram, .49"HE, 120°) w/ 4 spf for total of 36 shots. 142 bbls EWTR. SIFN.

6/26/2007 Day: 2**Completion**

Rigless on 6/25/2007 - RU BJ Services "Ram Head" frac flange. RU BJ & frac CP2 sds, stage #1 down casing w/ 24,334#'s of 20/40 sand in 348 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 2951 psi. Treated @ ave pressure of 1701 w/ ave rate of 24.7 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1662. 490 bbls EWTR. Leave pressure on well. RU Lone Wolf WLT, crane & lubricator. RIH W/ Weatherford 5-1/2" solid (6K) composite frac plug & 21' perf gun. Set plug @ 5590'. Perforate CP1 sds @ 5539-60' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90°) w/ 4 spf for total of 84 shots. RU BJ & frac stage #2 w/ 100,170#'s of 20/40 sand in 740 bbls of Lightning 17 frac fluid. Open well w/ 100 psi on casing. Perfs broke down @ 3860 psi. Treated @ ave pressure of 1719 w/ ave rate of 24.7 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2090. 1230 bbls EWTR. Leave pressure on well. RU WLT. RIH W/ flow through frac plug & 6' perf gun. Set plug @ 4930'. Perforate C sds @ 4819-25' w/ 4 spf for total of 24 shots. RU BJ & frac stage #3 w/ 19,504#'s of 20/40 sand in 281 bbls of Lightning 17 frac fluid. Open well w/ 1433 psi on casing. Perfs broke down @ 1485 psi. Treated @ ave pressure of 1963 w/ ave rate of 24.7 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1792. 1511 bbls EWTR. Leave pressure on well. RU WLT. RIH W/ solid frac plug & 9' perf gun. Set plug @ 4750'. Perforate D1 sds @ 4665-74' w/ 4 spf for total of 36 shots. RU BJ & frac stage #4 w/ 45,093#'s of 20/40 sand in 407 bbls of Lightning 17 frac fluid. Open well w/ 343 psi on casing. Perfs broke down @ 2627 psi. Treated @ ave pressure of 1963 w/ ave rate of 24.7 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2060. 1916 bbls EWTR. Leave pressure on well. RU WLT. RIH W/ flow through frac plug & 6' & 7' perf guns. Set plug @ 4340'. Perforate GB6 sds @ 4218-24' & GB4 sds @ 4174-81' w/ 4 spf for total of 52 shots. RU BJ & frac stage #5 w/ 39,989#'s of 20/40 sand in 383 bbls of Lightning 17 frac fluid. Open well w/ 1570 psi on casing. Perfs broke down @ 2723 psi. Treated @ ave pressure of 1956 w/ ave rate of 24.7 bpm w/ 8 ppg of sand. ISIP was 2212. 2299 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 4 hours & died w/ 300 bbls rec'd. SIFN.

6/27/2007 Day: 3**Completion**

Western #2 on 6/26/2007 - MIRU Western #2. Bleed pressure off well. Flowed 3 hrs rec 220 BTF W/ strong gas & large tr oil. RU & pump 50 BW dn casing (pressures up to 1000 psi). Bleed well off. Rec 50 BW followed W/ oil & gas. SIFN W/ est 1779 BWTR.

6/28/2007 Day: 4**Completion**

Western #2 on 6/27/2007 - SICP @ 600 psi. RU & bullhead 20 BW dn casing (pressure @ 1500 psi). RU Perforators LLC WLT & lubricator. RIH W/ Weatherford 5 1/2" solid composite plug & set @ 4075'. RD WLT. Bleed oil & gas off well. Pump 20 BW dn well & bleed off gas. ND Cameron BOP & 5M frac head. Install 3M production tbg head & NU Weatherford Schaeffer BOP. Talley, drift, PU & TIH W/ used Weatherford 4 3/4" "Chomp" bit, bit sub & new 2 7/8 8rd 6.5# J-55 tbg. Tag kill plug @ 4075'. RU swivel. Circ oil & gas f/ well (rec est 40 BO to production tk). Drill out kill plug in 29 minutes Using conventional circulation). Con't swivelling jts in hole. Tag plug @ 4340'. Drill out plug in 14 minutes. Tag sd @ 4708'. Drill out plug @ 4750' in 12 minutes. Circ hole clean. Gained add'l 50 BTF during cleanout. Hang back swivel. SIFN W/ EOT @ 4771'. Est 1769 BWTR.

6/29/2007 Day: 5

Completion

Western #2 on 6/28/2007 - Bleed well off to production tks. RU & circ hole W/ clean wtr. Con't PU & TIH W/ bit and tbg f/ 4771'. Tag fill @ 4832'. PU swivel. Con't C/O sd & drill out composite bridge plugs as follows (using conventional circulation): sd @ 4832', plug @ 4930' in 15 minutes; sd @ 5531', plug @ 5590' in 15 minutes. Con't swivelling jts in hole. Tag fill @ 5880'. Drill plug remains & sd to PBTD @ 5988'. Circ hole clean. Gained est 40 BW & 20 BO during cleanout. RD swivel. Pull EOT to 5943'. RU swab equipment. IFL @ sfc. Made 13 swb runs rec 155 BTF W/ light gas, 10% FOC & no sand. Well flowing sporadically. SIFN W/ est 1574 BWTR.

7/2/2007 Day: 6

Completion

Western #2 on 7/1/2007 - Bleed well off to production tks. Stays flowing fairly strong. Circ oil & gas f/ well. Rec est 40 BW & 20 BO during flowback & circulation. Well static. TIH W/ tbg. Tag PBTD @ 5988' (no new fill). LD excess tbg. TOH W/ tbg-LD bit. TIH W/ BHA & production tbg as follows: 2 7/8 NC, 2 jts tbg, SN, 1 jt tbg, new CDI 5 1/2" TA (45K) & 185 jts 2 7/8 8rd 6.5# J-55 tbg. ND BOP. Set TA @ 5592' W/ SN @ 5624' & EOT @ 5686'. Land tbg W/ 16,000# tension. NU wellhead. PU & TIH W/ pump and "A" grade rod string as follows: new CDI 2 1/2" X 1 1/2" X 15' RHAC pump, 6-1 1/2" weight rods, 20-3/4" scraped rods, 98-3/4" plain rods, 100-3/4" scraped rods, 1-4' X 3/4" pony rod and 1 1/2" X 22' polished rod. Seat pump & RU pumping unit (off hole). W/ tbg full, pressure test tbg & pump to 200 psi. Stroke pump up W/ rig to 800 psi. Good pump action. RDMOSU. Est 1534 BWTR. **Pumping unit needs slid over hole**

7/3/2007 Day: 7

Completion

Western #2 on 7/2/2007 - RU B&G crane, slide unit, hang off rods. PWOP @ 11:00 am w/ 86" SL & 5 1/2 SPM. Final report.

Pertinent Files: Go to File List

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK		OIL WELL <input checked="" type="checkbox"/>		GAS WELL <input type="checkbox"/>		DRY <input type="checkbox"/>		Other _____		5. LEASE DESIGNATION AND SERIAL NO. UTU-79834					
1b. TYPE OF WELL		NEW WELL <input checked="" type="checkbox"/>		WORK OVER <input type="checkbox"/>		DEEPEN <input type="checkbox"/>		PLUG BACK <input type="checkbox"/>		DIFF RESVR. <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME NA			
2. NAME OF OPERATOR		Newfield Exploration Company		14. API NO. 43-013-33138		DATE ISSUED 04/17/07		12. COUNTY OR PARISH Duchesne		13. STATE UT		7. UNIT AGREEMENT NAME Federal			
3. ADDRESS AND TELEPHONE NO.		1401 17th St. Suite 1000 Denver, CO 80202		15. DATE SPUDDED 05/25/07		16. DATE T.D. REACHED 06/02/07		17. DATE COMPL. (Ready to prod.) 06/29/07		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5808' GL		19. ELEV. CASINGHEAD 5820' KB			
4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)* At Surface 1791' FNL & 578' FWL (SW/NW) Sec. 15, T9S, R16E At top prod. Interval reported below		20. TOTAL DEPTH, MD & TVD 6040'		21. PLUG BACK T.D., MD & TVD 5988'		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY ----->		ROTARY TOOLS X		CABLE TOOLS			
24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* Green River 4174'-5625'		25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log		27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)		29. LINER RECORD		30. TUBING RECORD			
31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		33.* PRODUCTION		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		35. LIST OF ATTACHMENTS		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		37. SIGNED _____ Jentri Park			
INTERVAL		SIZE		SPF/NUMBER		DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED		DATE FIRST PRODUCTION 06/29/07		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 15' RHAC SM Plunger Pump		WELL STATUS (Producing or shut-in) PRODUCING	
(CP2) 5616'-5625'		.49"		4/36		5616'-5625'		Frac w/ 24,334# 20/40 sand in 348 bbls fluid		DATE OF TEST 10 day ave		HOURS TESTED		CHOKE SIZE	
(CP1) 5539'-5560'		.43"		4/84		5539'-5560'		Frac w/ 100,170# 20/40 sand in 740 bbls fluid		PROD'N. FOR TEST PERIOD ----->		OIL--BBL. 141		GAS--MCF. 63	
(C) 4819'-4825'		.43"		4/24		4819'-4825'		Frac w/ 19,504# 20/40 sand in 281 bbls fluid		OIL--BBL.		GAS--MCF.		WATER--BBL.	
(D1) 4665'-4674'		.43"		4/36		4665'-4674'		Frac w/ 45,093# 20/40 sand in 407 bbls fluid		OIL--BBL.		GAS--MCF.		WATER--BBL.	
(GB6 & 4) 4218'-4224', 4174'-4181'		.43"		4/52		4174'-4224'		Frac w/ 39,989# 20/40 sand in 383 bbls fluid		OIL--BBL.		GAS--MCF.		WATER--BBL.	
										FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE	
										OIL GRAVITY-API (CORR.)					
										34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold & Used for Fuel		TEST WITNESSED BY			
										35. LIST OF ATTACHMENTS					
										36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
										SIGNED _____ Jentri Park		TITLE Production Clerk		DATE 7/17/2007	
										37. SIGNED _____		TITLE Production Clerk		DATE 7/17/2007	

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
			Well Name Federal 5-15-9-16		MEAS. DEPTH	TRUE VERT. DEPTH
				Garden Gulch Mkr	3652'	
				Garden Gulch 1	3846'	
				Garden Gulch 2	3956'	
				Point 3 Mkr	4230'	
				X Mkr	4475'	
				Y-Mkr	4509'	
				Douglas Creek Mkr	4625'	
				BiCarbonate Mkr		
				B Limestone Mkr	4978'	
				Castle Peak	5474'	
				Basal Carbonate	5935'	
				Total Depth (LOGGERS	6042'	



May 11, 2012

Mr. Mark Reinbold
State of Utah
Division of Oil, Gas and Mining
1594 W North Temple
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well
Federal #5-15-9-16
Monument Butte Field, Lease #UTU-017985
Section 15-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Federal #5-15-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Sundberg". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Eric Sundberg
Regulatory Lead

RECEIVED
MAY 14 2012
DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
FEDERAL #5-15-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #UTU-017985
MAY 11, 2012

TABLE OF CONTENTS

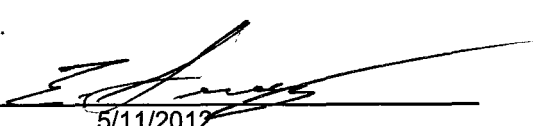
LETTER OF INTENT	
COVER PAGE	
TABLE OF CONTENTS	
UIC FORM 1 – APPLICATION FOR INJECTION WELL	
WELLBORE DIAGRAM OF PROPOSED INJECTION	
WORK PROCEDURE FOR INJECTION CONVERSION	
COMPLETED RULE R615-5-1 QUESTIONNAIRE	
COMPLETED RULE R615-5-2 QUESTIONNAIRE	
ATTACHMENT A	ONE-HALF MILE RADIUS MAP
ATTACHMENT A-1	WELL LOCATION PLAT
ATTACHMENT B	LIST OF SURFACE OWNERS WITHIN ONE-HALF MILE RADIUS
ATTACHMENT C	CERTIFICATION FOR SURFACE OWNER NOTIFICATION
ATTACHMENT E	WELLBORE DIAGRAM – FEDERAL #5-15-9-16
ATTACHMENT E-1	WELLBORE DIAGRAM – FEDERAL #13-15-9-16
ATTACHMENT E-2	WELLBORE DIAGRAM – GREATER MONUMENT BUTTE #C-15-9-16
ATTACHMENT E-3	WELLBORE DIAGRAM – GREATER MONUMENT BUTTE UNIT #H-15-9-16
ATTACHMENT E-4	WELLBORE DIAGRAM – SOUTH WELLS DRAW #13-10-9-16
ATTACHMENT E-5	WELLBORE DIAGRAM – STATE #1-16-9-16
ATTACHMENT E-6	WELLBORE DIAGRAM – CASTLE PEAK STATE #32-16-9-16
ATTACHMENT E-7	WELLBORE DIAGRAM – CASTLE PEAK STATE #43-16-9-16
ATTACHMENT E-8	WELLBORE DIAGRAM – MONUMENT FEDERAL #23-15-9-16
ATTACHMENT E-9	WELLBORE DIAGRAM – MONUMENT FEDERAL #32-15J-9-16
ATTACHMENT E-10	WELLBORE DIAGRAM – CASTLE PEAK FEDERAL #22-15-9-16
ATTACHMENT E-11	WELLBORE DIAGRAM – CASTLE PEAK FEDERAL #24-10A-9-16
ATTACHMENT E-12	WELLBORE DIAGRAM – BALCRON MONUMENT FEDERAL #21-15J-9-16
ATTACHMENT F	WATER ANALYSIS
ATTACHMENT G	FRACTURE GRADIENT CALCULATIONS
ATTACHMENT G-1	FRACTURE REPORTS DATED – 6/21/07 – 7/3/07
ATTACHMENT H	WORK PROCEDURE FOR PROPOSED PLUG AND ABANDON
ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company
ADDRESS 1001 17th Street, Suite 2000
Denver, Colorado 80202

RECEIVED
OCT 04 2012
DIV. OF OIL, GAS & MINING

Well Name and number: <u>Federal #5-15-9-16</u>	
Field or Unit name: <u>Monument Butte (Green River)</u>	Lease No. <u>UTU-017985</u>
Well Location: QQ <u>SWNW</u> section <u>15</u> township <u>9S</u> range <u>16E</u> county <u>Duchesne</u>	
Is this application for expansion of an existing project? Yes [X] No []	
Will the proposed well be used for:	
Enhanced Recovery?	Yes [X] No []
Disposal?	Yes [] No [X]
Storage?	Yes [] No [X]
Is this application for a new well to be drilled? Yes [] No [X]	
If this application is for an existing well,	
has a casing test been performed on the well? Yes [] No [X]	
Date of test: _____	
API number: <u>43-013-33138</u>	
Proposed injection interval: from <u>3956</u> to <u>5988</u>	
Proposed maximum injection: rate <u>500 bpd</u> pressure <u>1627</u> psig	
Proposed injection zone contains [x] oil, [] gas, and/or [] fresh water within 1/2 mile of the well.	
<div style="border: 1px solid black; padding: 5px; display: inline-block;">IMPORTANT: Additional information as required by R615-5-2 should accompany this form.</div>	
List of Attachments: <u>Attachments "A" through "H-1"</u>	
I certify that this report is true and complete to the best of my knowledge.	
Name: <u>Eric Sundberg</u>	Signature: <u></u>
Title: <u>Regulatory Lead</u>	Date: <u>5/11/2012</u>
Phone No. <u>(303) 893-0102</u>	
(State use only)	
Application approved by _____	Title _____
Approval Date _____	

Comments:

Federal 5-15-9-16

Spud Date: 5-25-07
Put on Production: 7-1-07
GL: 5808' KB: 5820'

Proposed Injection Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jnts (299.7')
DEPTH LANDED: 311.55' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 7 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137jts. (6020.14')
DEPTH LANDED: 6033.39' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT: 46'

TUBING

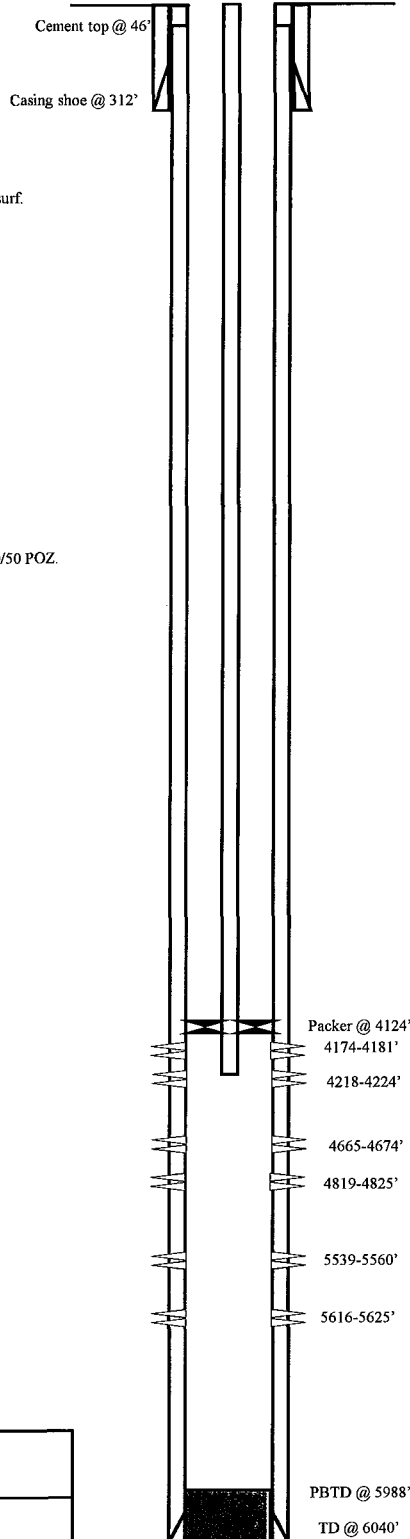
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 185 jts (5579.62')
TUBING ANCHOR: 5591.62' KB
NO. OF JOINTS: 1 jts (29.35')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5623.77' KB
NO. OF JOINTS: 2 jts (61.14')
TOTAL STRING LENGTH: EOT @ 5686.46' KB

FRAC JOB

6-25-07	5450-5542'	Frac CP2 sands as follows: 24334# 20/40 sand in 348 bbls Lightning 17 frac fluid. Treated @ avg press of 1701 psi w/avg rate of 24.7 BPM. ISIP 1662 psi. Calc flush: 5448 gal. Actual flush: 5166 gal.
6-25-07	5539-5560'	Frac CP1 sands as follows: 100170# 20/40 sand in 740 bbls Lightning 17 frac fluid. Treated @ avg press of 1719 psi w/avg rate of 24.7 BPM. ISIP 2090 psi. Calc flush: 5537 gal. Actual flush: 5040 gal.
6-25-07	4819-4825'	Frac C sands as follows: 19504# 20/40 sand in 271 bbls Lightning 17 frac fluid. Treated @ avg press of 1963 psi w/avg rate of 24.7 BPM. ISIP 1792 psi. Calc flush: 4817 gal. Actual flush: 4368 gal.
6-25-07	4665-4674'	Frac D1 sands as follows: 45093# 20/40 sand in 407 bbls Lightning 17 frac fluid. 24.7 BPM. ISIP 2060 psi. Calc flush: 4663 gal. Actual flush: 4200gal.
6-25-07	4218-4224'	Frac GB6 sands as follows: 39989# 20/40 sand in 383 bbls Lightning 17 frac fluid. 24.7 BPM. ISIP 2212 psi. Calc flush: 4216 gal. Actual flush: 4158gal.
	4174-4181'	Frac GB4 sands as follows: No information for this frac on the drilling report.

PERFORATION RECORD

6-20-07	5616-5625'	4 JSPF	36 holes
6-25-07	5539-5560'	4 JSPF	84 holes
6-25-07	4819-4825'	4 JSPF	24 holes
6-25-07	4665-4674'	4 JSPF	36 holes
6-25-07	4218-4224'	4 JSPF	24 holes
	4174-4181'	4 JSPF	28holes



NEWFIELD

Federal 5-15-9-16

1791' FNL & 578' FWL

SW/NE Section 15-T9S-R16E

Duchesne Co, Utah

API #43-013-33138; Lease #UTU-017985

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1**

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

2.1 The name and address of the operator of the project.

Newfield Production Company
1001 17th Street, Suite 2000
Denver, Colorado 80202

2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

See Attachment A.

2.3 A full description of the particular operation for approval is requested.

Approval is requested to convert the Federal #5-15-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

2.4 A description of the pools from which the identified wells are producing or have produced.

The proposed injection well will inject into the Green River Formation.

2.5 The names, description and depth of the pool or pools to be affected.

The injection zone is in the Green River Formation. For the Federal #5-15-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3956' - 5988'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3632' and the TD is at 6040'.

2.6 A copy of a log of a representative well completed in the pool.

The referenced log for the Federal #5-15-9-16 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a Federal lease (Lease #UTU-017985) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,
STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**

- 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.

- 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

- 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 312' KB, and 5-1/2", 15.5# casing run from surface to 6033' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

- 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

- 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1627 psig.

- 2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.**

The minimum fracture gradient for the Federal #5-15-9-16, for existing perforations (4174' - 5560') calculates at 0.74 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1627 psig. We may add additional perforations between 3632' and 6040'. See Attachments G and G-1.

- 2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.**

In the Federal #5-15-9-16, the proposed injection zone (3956' - 5988') is in the Garden Gulch to the Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

- 2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.**

See Attachments E through E-12.

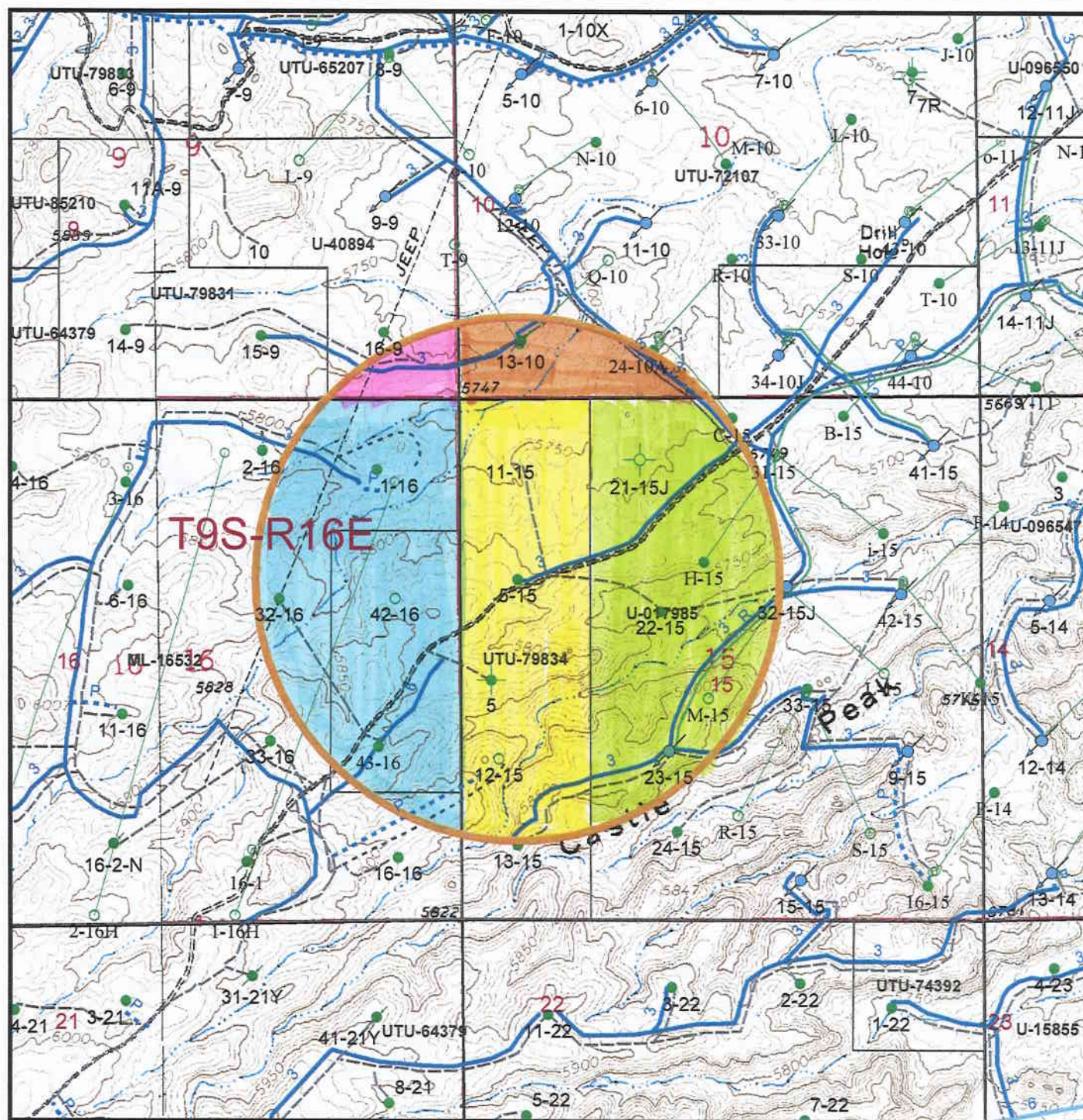
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

- 2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.**

See Attachment C.

- 2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.**

Newfield Production Company will supply any requested information to the Board or Division.



- WellStatus_HalfMile_Buffer**
- Well Status**
- Location
 - CTI
 - Surface Spud
 - Drilling
 - Waiting on Completion
 - Producing Oil Well
 - Producing Gas Well
 - Water Injection Well
 - Dry Hole
 - Temporarily Abandoned
 - Plugged & Abandoned
 - Shut In
- Injection system**
- high pressure
 - - - low pressure
 - ... proposed
 - return
 - - - return proposed
- Leases**
- Mining tracts**

UTU-79834

UTU-017985

UTU-72107

UTU-40894

ST of UT

ML-16532

Federal 5-15
Section 15, T9S-R16E

NEWFIELD



ROCKY MOUNTAINS 1 in = 1,500 feet

1/2 Mile Radius Map
Duchesne & Uintah Counties

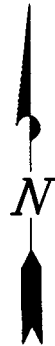
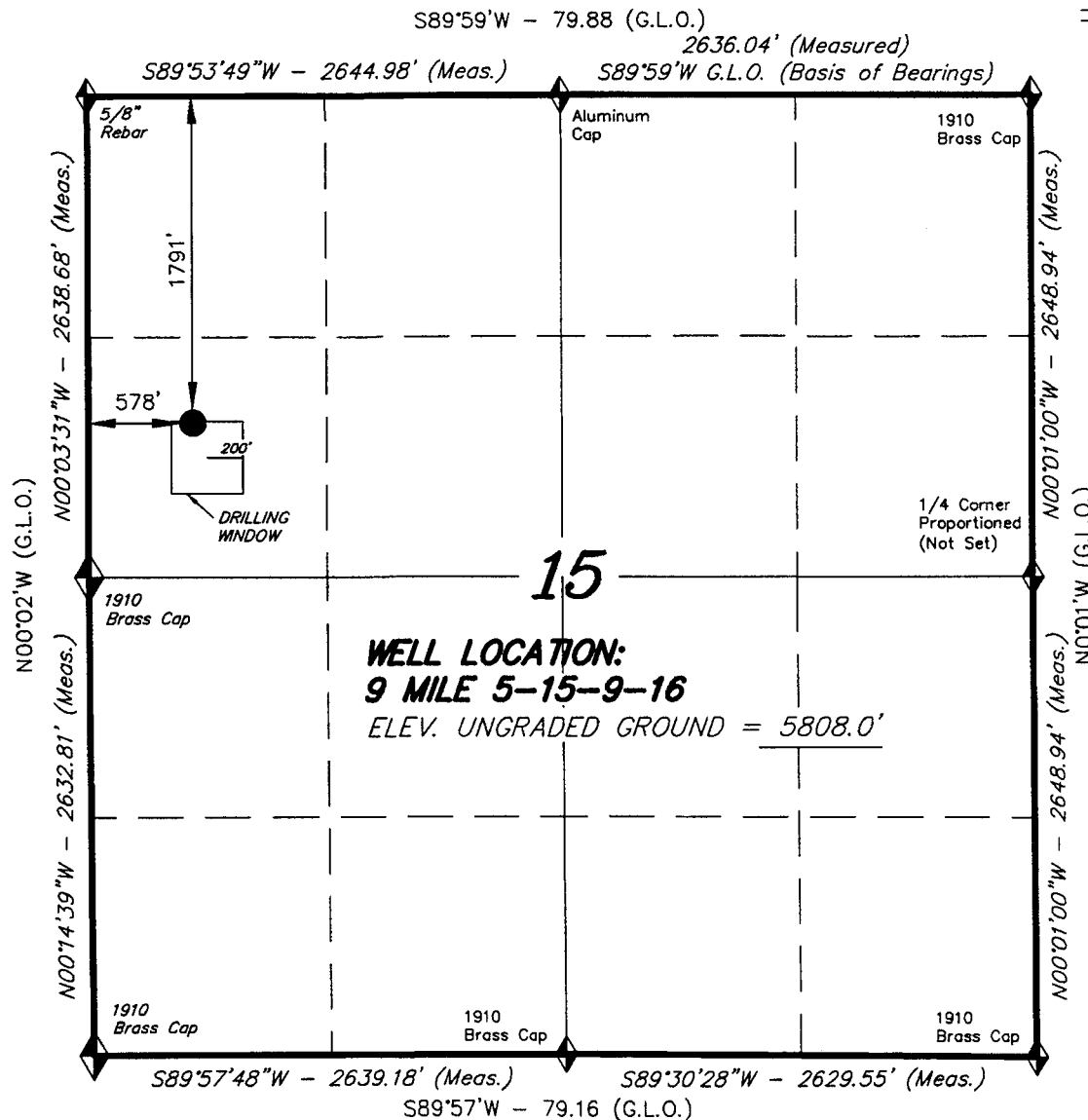
1001 17th Street Suite 2000
Denver, Colorado 80202
Phone: (303) 893-0102

March 13, 2012

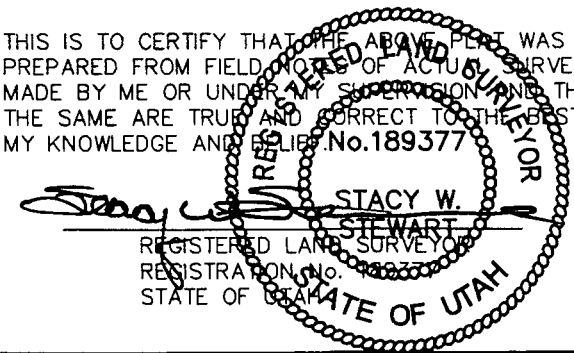
T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 5-15-9-16,
LOCATED AS SHOWN IN THE SW 1/4 NW
1/4 OF SECTION 15, T9S, R16E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377



◆ = SECTION CORNERS LOCATED
BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SE)

9 MILE 5-15-9-16
(Surface Location) NAD 83
LATITUDE = 40° 01' 59.54"
LONGITUDE = 110° 06' 46.00"

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 1-18-06	SURVEYED BY: K.S.
DATE DRAWN: 1-26-06	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R16E SLM Section 15: W2W2	USA UTU-79834 HBP	Newfield Production Company Newfield RMI LLC	USA
2	T9S-R16E SLM Section 10: S2SE Section 15: E2, E2W2	USA UTU-017985 HBP	Newfield Production Company Newfield RMI LLC ABO Petroleum Corp MYCO Industries Inc OXY Y-1 Company Yates Petroleum Corp	USA
3	T9S-R16E SLM Section 10: S2N2, N2S2, S2SW	USA UTU-72107 HBP	Newfield Production Company Newfield RMI LLC	USA
4	T9S-R16E SLM Section 9: N2SE, SESE	USA UTU-40894 HBP	Newfield Production Company Newfield RMI LLC	USA
5	T9S-R16E SLM Section 16: All	State of Utah ML - 16532 HBP	Newfield RMI LLC QEP Energy Company El Paso E&P Company LP American Petroleum Corp Brave River Production Trans Republic Resources Inc	State of Utah

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Federal #5-15-9-16

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: _____

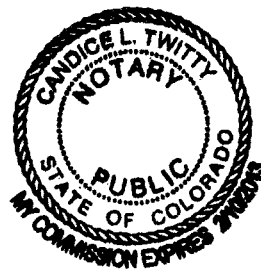
E. Sundberg
Newfield Production Company
Eric Sundberg
Regulatory Lead

Sworn to and subscribed before me this 11th day of May, 2012.

Notary Public in and for the State of Colorado: _____

Candice L. Twitty

My Commission Expires 02/10/2013
My Commission Expires: _____



Federal 5-15-9-16

Spud Date: 5-25-07
Put on Production: 7-1-07

GL: 5808' KB: 5820'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jnts (299.7')
DEPTH LANDED: 311.55' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 7 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137jts. (6020.14')
DEPTH LANDED: 6033.39' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT: 46'

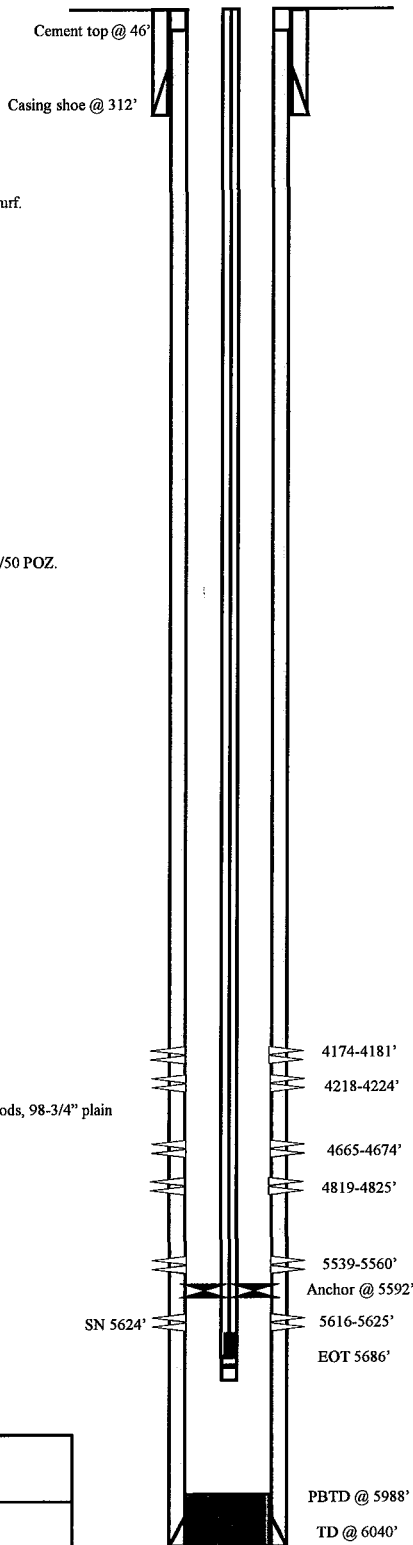
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 185 jts (5579.62')
TUBING ANCHOR: 5591.62' KB
NO. OF JOINTS: 1 jts (29.35')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5623.77' KB
NO. OF JOINTS: 2 jts (61.14')
TOTAL STRING LENGTH: EOT @ 5686.46' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 1-4' x 3/4" Pony rod, 100-3' x 1/4" Scrapered rods, 98-3/4" plain rods, 20-3/4" scrapered rods, 6-11/2" wieght rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 15' RHAC
STROKE LENGTH: 86"
PUMP SPEED, 51 1/2 SPM

Wellbore Diagram



Initial Production: BOPD,
MCFD, BWPD

FRAC JOB

6-25-07	5450-5542'	Frac CP2 sands as follows: 24334# 20/40 sand in 348 bbls Lightning 17 frac fluid. Treated @ avg press of 1701 psi w/avg rate of 24.7 BPM. ISIP 1662 psi. Calc flush: 5448 gal. Actual flush: 5166 gal.
6-25-07	5539-5560'	Frac CP1 sands as follows: 100170# 20/40 sand in 740 bbls Lightning 17 frac fluid. Treated @ avg press of 1719 psi w/avg rate of 24.7 BPM. ISIP 2090 psi. Calc flush: 5537 gal. Actual flush: 5040 gal.
6-25-07	4819-4825'	Frac C sands as follows: 19504# 20/40 sand in 271 bbls Lightning 17 frac fluid. Treated @ avg press of 1963 psi w/avg rate of 24.7 BPM. ISIP 1792 psi. Calc flush: 4817 gal. Actual flush: 4368 gal.
6-25-07	4665-4674'	Frac D1 sands as follows: 45093# 20/40 sand in 407 bbls Lightning 17 frac fluid. 24.7 BPM. ISIP 2060 psi. Calc flush: 4663 gal. Actual flush: 4200gal.
6-25-07	4218-4224'	Frac GB6 sands as follows: 39989# 20/40 sand in 383 bbls Lightning 17 frac fluid. 24.7 BPM. ISIP 2212 psi. Calc flush: 4216 gal. Actual flush: 4158gal.
	4174-4181'	FracGB4 sands as follows: No information for this frac on the drilling report.

PERFORATION RECORD

6-20-07	5616-5625'	4 JSPF	36 holes
6-25-07	5539-5560'	4 JSPF	84 holes
6-25-07	4819-4825'	4 JSPF	24 holes
6-25-07	4665-4674'	4 JSPF	36 holes
6-25-07	4218-4224'	4 JSPF	24 holes
	4174-4181'	4 JSPF	28holes

NEWFIELD**Federal 5-15-9-16**

1791' FNL & 578' FWL

SW/NE Section 15-T9S-R16E

Duchesne Co, Utah

API #43-013-33138; Lease #UTU-017985

Federal 13-15-9-16

Spud Date: 5-21-07
Put on Production: 6-25-07

GL: 5840' KB: 5858'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jnts (312.81')
DEPTH LANDED: 323.71' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 1bbls cmt to surf

PRODUCTION CASING

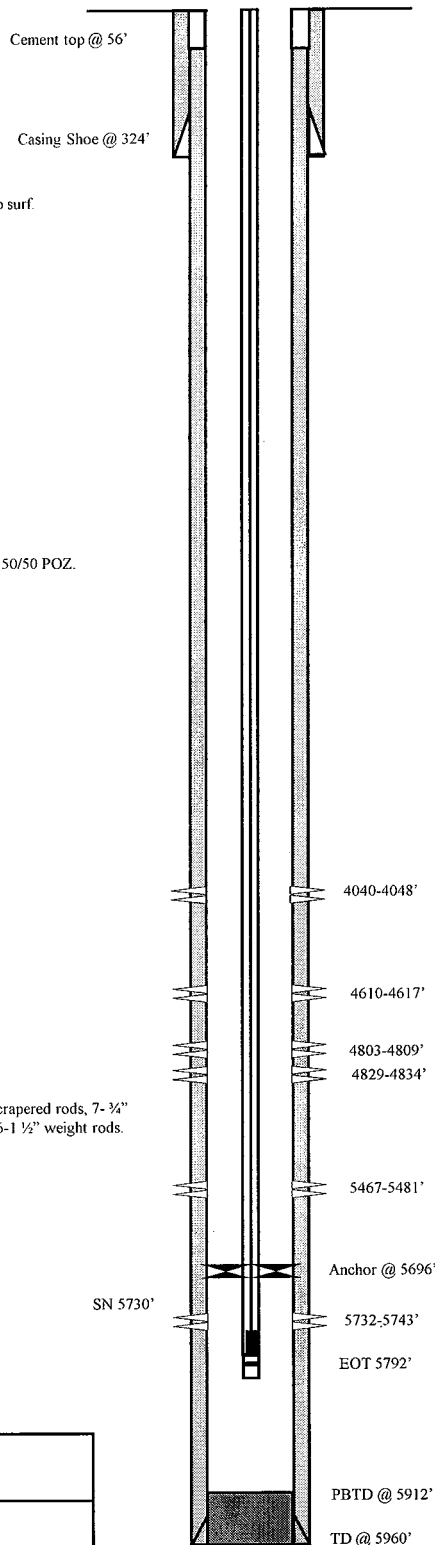
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 135 jts (5899.55')
DEPTH LANDED: 5944.14' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT: 56'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 182 jts (5683.76')
TUBING ANCHOR: 5695.76' KB
NO. OF JOINTS: 1 jts (31.59')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5730.15' KB
NO. OF JOINTS: 2 jts (60.36')
TOTAL STRING LENGTH: EOT @ 5792.06' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM
SUCKER RODS: 1-6' & 1-4" x 3/4" pony rods, 100- 3/4" scraped rods, 7- 3/4" plain rods, 95- 3/4" scraped rods, 20- 3/4" scraped rods, 6-1 1/2" weight rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 14" RHAC
STROKE LENGTH: 86"
PUMP SPEED, 5 SPM

Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

FRAC JOB

6-19-07	5732-5743'	Frac CP5 sands as follows: 40000# 20/40 sand in 406 bbls Lightning 17 frac fluid. Treated @ avg press of 1700 psi w/avg rate of 22.2 BPM. ISIP 1980 psi. Calc flush: 5730 gal. Actual flush: 5145 gal.
6-19-07	5467-5481'	Frac CP1 sands as follows: 50251# 20/40 sand in 432 bbls Lightning 17 frac fluid. Treated @ avg press of 1294 psi w/avg rate of 23.3 BPM. ISIP 1690 psi. Calc flush: 5465 gal. Actual flush: 4872 gal.
6-19-07	4829-4809'	Frac B1 & B.5 sands as follows: 14309# 20/40 sand in 248 bbls Lightning 17 frac fluid. Treated @ avg press of 1801 psi w/avg rate of 23.4 BPM. ISIP 1810 psi. Calc flush: 4827 gal. Actual flush: 4221 gal.
6-19-07	4610-4617'	Frac D1 sands as follows: 25018# 20/40 sand in 338 bbls Lightning 17 frac fluid. 21.8 BPM. ISIP 1990 psi. Calc flush: 4608 gal. Actual flush: 4011 gal.
6-19-07	4040-4048'	Frac GB4 sands as follows: 28952# 20/40 sand in 294 bbls Lightning 17 frac fluid. 24.7 BPM. ISIP 1723 psi. Calc flush: 4038 gal. Actual flush: 3948 gal.

PERFORATION RECORD

6-13-07	5732-5743'	4 JSPF	36 holes
6-19-07	5467-5481'	4 JSPF	56 holes
6-19-07	4829-4834'	4 JSPF	20 holes
6-19-07	4803-4809'	4 JSPF	20 holes
6-19-07	4610-4617'	4 JSPF	28 holes
6-19-07	4040-4048'	4 JSPF	32 holes

NEWFIELD**Federal 13-15-9-16**

717' FSL & 469' FWL

SW/SW Section 15-T9S-R16E

Duchesne Co, Utah

API #43-013-33136; Lease #UTU-39713

Greater Monument Butte C-15-9-16

Spud Date: 7/11/2011

Put on Production: 8/25/2011

GL: 5705' KB: 5717'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 6 jts. (312.87')

DEPTH LANDED: 323.19' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 170 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 142 jts. (6179.07') – Including Shoe Joint

HOLE SIZE: 7-7/8"

DEPTH LANDED: 6196.68' KB

CEMENT DATA: 245 sxs Prem. Lite II mixed & 460 sxs 50/50 POZ

CEMENT TOP AT: 23'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 178 jts. (5621.92')

TUBING ANCHOR: 5631.9' KB

NO. OF JOINTS: 1 jt. (31.6')

SEATING NIPPLE: 2-7/8" (1.1')

SN LANDED AT: 5666.3' KB

NO. OF JOINTS: 2 jts. (63.2')

NOTCHED COLLAR: 5730.6' KB

TOTAL STRING LENGTH: EOT @ 5731' KB

SUCKER RODS

POLISHED ROD: 1 1/2" x 30' Spray Metal Polished Rod

SUCKER RODS: 1 – 7/8" x 4' Pony Rod, 120 – 7/8" 4per Guided Rods (3000'), 99 – 3/4" x 4per Guided Rod (2475'), 5 – 1" x 4' Weight Bars (20')

PUMP SIZE: 2 1/2 x 1 1/4" x 21' x 24' RHAC

STROKE LENGTH: 144

PUMP SPEED: 5 SPM

FRAC JOB

8/8/2011	5645-5660'	Frac CP1, sands as follows: Frac with 59554# 20/40 sand in 264 bbls Lightning 17 fluid; 564 bbls total fluid to recover.
8/17/2011	5050-5242'	Frac A3 and B2, sands as follows: Frac with 44321# 20/40 sand in 209 bbls Lightning 17 fluid; 415 bbls total fluid to recover.
8/17/2011	4918-4924'	Frac C, sands as follows: Frac with 29822# 20/40 sand in 177 bbls Lightning 17 fluid; 338 bbls total fluid to recover.
8/17/2011	4208-4283'	Frac GB4 and GB6, sands as follows: Frac with 91815# 20/40 sand in 759 bbls Lightning 17 fluid; 1282 bbls total fluid to recover.
3/28/12		Pump Change: updated rod & tubing detail

PERFORATION RECORD

4208-4210'	3 JSPF	6 holes
4216-4218'	3 JSPF	6 holes
4228-4230'	3 JSPF	6 holes
4237-4238'	3 JSPF	3 holes
4256-4257'	3 JSPF	3 holes
4281-4283'	3 JSPF	6 holes
4918-4924'	3 JSPF	18 holes
5050-5053'	3 JSPF	9 holes
5068-5072'	3 JSPF	12 holes
5238-5242'	3 JSPF	12 holes
5645-5650'	3 JSPF	15 holes
5657-5660'	3 JSPF	9 holes

NEWFIELD**Greater Monument Butte C-15-9-16**

624' FSL & 2022' FWL (SE/SW)

Section 10, T9S, R16E

Duchesne County, Utah

API #43-013-50540; Lease #UTU-72107

4208-4210'
4216-4218'
4228-4230'
4237-4238'
4256-4257'
4281-4283'

4918-4924'
5050-5053'
5068-5072'

5238-5242'

Anchor @ 5632'
5645-5650'
5657-5660'

EOT @ 5731'

PBTD @ 6109'

TD @ 6309'

GMBU H-15-9-16

Attachment E-3

Spud Date: 11/02/2011
Put on Production: 12/22/2011
GL: 5747' KB: 5760'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7jts. (320.22')
DEPTH LANDED: 331.22'
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, circ. 5 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 149 jts. (6207.5') Includes Shoe Jt. (17.77')
DEPTH LANDED: 6227.82'
HOLE SIZE: 7-7/8"
CEMENT DATA: 240 sxs Premlite II & 455 sxs 50/50 POZ.
CEMENT TOP @: 36' per CBL 12/5/11

TUBING (KS 12/22/11)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 191 jts. (5960.8')
TUBING ANCHOR: 5973.8'
NO. OF JOINTS: 1 jt. (31.5')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 6008.1'
NO. OF JOINTS: 2 jts. (62.6')
NOTCHED COLLAR: 6071.8' (0.5')
TOTAL STRING LENGTH: EOT @ 6072'

SUCKER RODS (KS 6/4/12)

POLISHED ROD: 1-1/2" x 30' Polished Rod
SUCKER RODS: 2', 4', 6', 8' x 7/8" Pony Rods, 72 x 7/8" 4per Guided Rods, 160 x 3/4" 4per Guided Rods, 5 x 1" Stabilizer Bars, 5 x 1-1/2" Sinker Bars
PUMP SIZE: 2-1/2" x 1-3/4" x 20' x 24' RHAC
STROKE LENGTH: 146"
PUMP SPEED: 3.9 SPM
PUMPING UNIT: DARCO C-640-365-168

FRAC JOB

12/05/2011 5956-5997' **Frac CP5, sands as follows:**
Frac with 18380# of 20/40 white sand in 195 lightning 17 frac fluid; 380 bbls total fluid to recover.

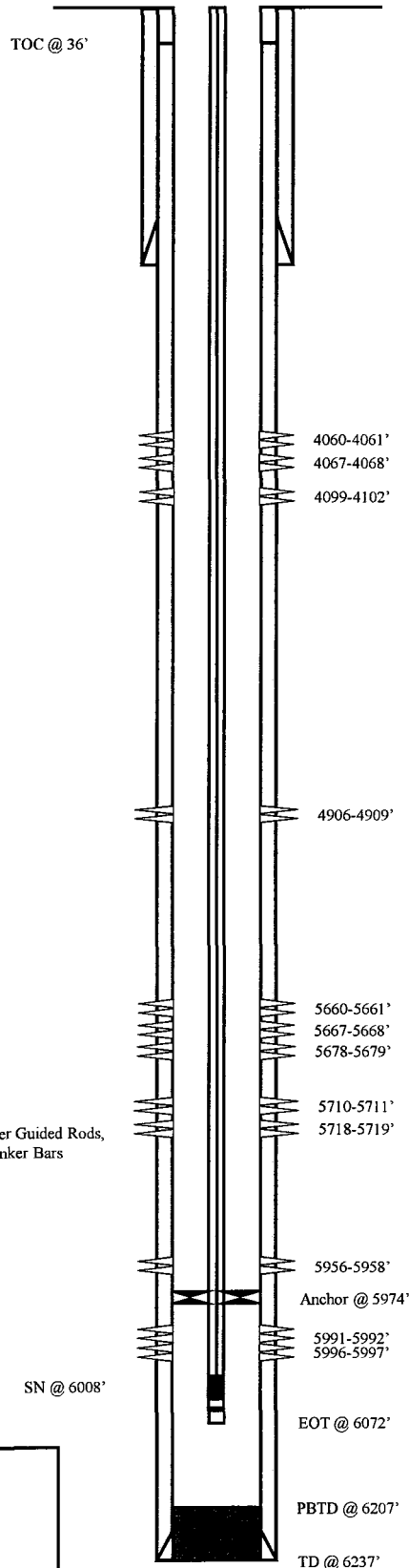
12/09/2011 5660-5719' **Frac CP1 & CP2, sands as follows:**
Frac with 64995# of 20/40 white sand in 836 lightning 17 frac fluid; 985 bbls total fluid to recover.

12/09/2011 4906-4909' **Frac C, sands as follows:**
Frac with 15216# in 20/40 white sand in 202 bbls lightning 17 frac fluid; 333 bbls total fluid to recover.

12/09/2011 4060-4102' **Frac GG2 Lime & GB2, sands as follows:**
Frac with 52859# 20/40 white sand in 394 bbls lightning 17 frac fluid; 541 bbls total fluid to recover.

PERFORATION RECORD

5996-5997'	3 JSPF	3 holes
5991-5992'	3 JSPF	3 holes
5956-5958'	3 JSPF	6 holes
5718-5719'	3 JSPF	3 holes
5710-5711'	3 JSPF	3 holes
5678-5679'	3 JSPF	3 holes
5667-5668'	3 JSPF	3 holes
5660-5661'	3 JSPF	3 holes
4906-4909'	3 JSPF	9 holes
4099-4102'	3 JSPF	9 holes
4067-4068'	3 JSPF	3 holes
4060-4061'	3 JSPF	3 holes



NEWFIELD



GMBU H-15-9-16

572' FNL & 2097' FEL (NW/NE)
Section 15, T9S, R16E
Duchesne County, Utah
API #43-013-50639; Lease # UTU-017985

S. Wells Draw 13-10-9-16

Spud Date: 8/15/98
Put on Production: 9/16/98
GL: 5738' KB: 5748' (10' KB)

Initial Production: 12 BOPD,
86 MCFD, 2 BWPD

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (294')
DEPTH LANDED: 304' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 140 sx Premium cmt & 45 sx Class "G", est 7 bbls to surf.

CEMENT TOP AT:
Surface per CBL

PRODUCTION CASING

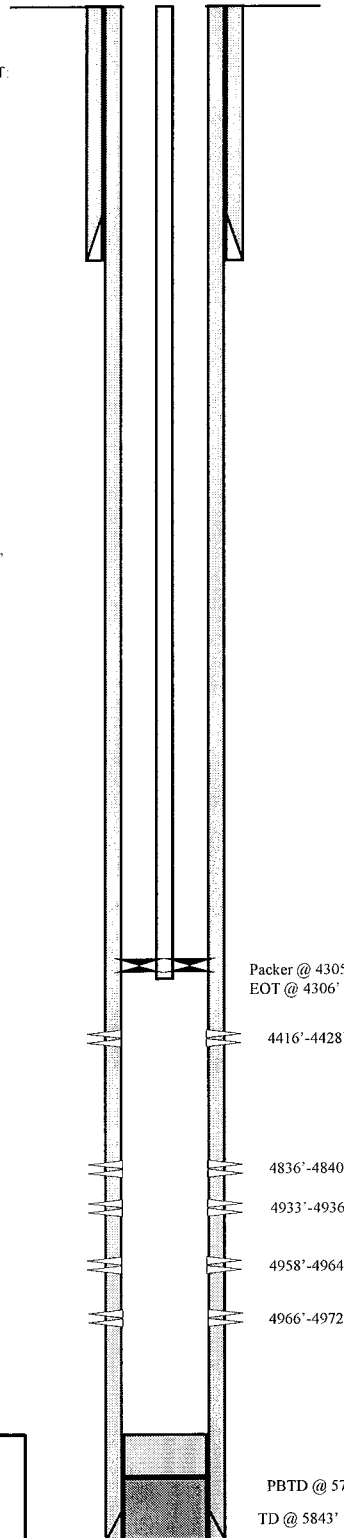
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 136 jts. (5834')
SET AT: 5843' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 280 sx Premium modified mixed & 300 sx class "G"
CEMENT TOP AT: Surface per cement bond log(Schlumberger)

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 139 jts (4291.5')
SEATING NIPPLE: 2-7/8"
SN LANDED AT: 4301.5' KB
CE @ 4305.8'
TOTAL STRING LENGTH: EOT @ 4306' KB

FRAC JOB

9/11/98 4836'-4972' Frac B-1 & B-2 sand as follows:
112,100# 20/40 sand in 548 bbls Viking I-25. Perfs broke @ 3118 psi @ 21 BPM. Treated w/avg press of 2080 psi w/avg rate of 30.4 BPM. ISIP-2300 psi, 5 min 2180 psi. Flowback on 12/64" ck for 3.5 hrs & died.
9/13/98 4416'-4428' Frac PB-10 sand as follows:
8,220# 20/40 sand in 66 bbls Viking I-25 fluid. Perfs broke @ 3990 psi. Treated w/avg press of 2220 psi w/avg rate of 12.6 BPM. ISIP-1600 psi, 5 min 1485 psi. Flowback on 12/64" ck for 1 hr & died.
04/06/12 Convert to Injection Well
04/10/12 Conversion MIT Finalized - update tbg detail



PERFORATION RECORD

Date	Depth Range	Tool	Holes
9/9/98	4836'-4840'	4 JSPF	16 holes
9/9/98	4933'-4936'	4 JSPF	12 holes
9/9/98	4958'-4964'	4 JSPF	24 holes
9/9/98	4966'-4972'	4 JSPF	24 holes
9/9/98	4416'-4428'	4 JSPF	48 holes



S. Wells Draw 13-10-9-16
610 FSL 632 FWL
SWSW Section 10-T9S-R16E
Duchesne Co, Utah
API #43-013-32047; Lease #UTU-72107

State 1-16-9-16

Spud Date: 3/29/08

Put on Production: 5/21/08

GL: 5776' KB: 5788'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts

DEPTH LANDED: 323.67

HOLE SIZE: 12-1/4"

CEMENT DATA: To surface with 160 sx Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 152 jts

HOLE SIZE: 7-7/8"

DEPTH LANDED: 5835'

CEMENT DATA: 300 sx Prem. Lite II & 425 sxs 50/50 POZ.

CEMENT TOP AT: 90'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 173 jts (5491')

TUBING ANCHOR: 5503'

NO. OF JOINTS: 1 jt (31.4')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 5537' KB

NO. OF JOINTS: 2 jts (62.9')

TOTAL STRING LENGTH: EOT @ 5602 w/12 kb

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' polished rod 'B'

SUCKER RODS: 1-2", 1-4" x 3/4" pony rods, 95- 3/4" guided rods, 43-3/4" sucker rods, 74- 3/4" guided rods, 6- 1 1/2" sinker bars, 6-1" stabilizer rods

PUMP SIZE: 2-1/2" x 1-1/4" x 12" x 16" RHAC pump 'CDI'

STROKE LENGTH: 86"

PUMP SPEED, SPM: 4

FRAC JOB

05-15-08 5549-5556' Frac CPI sds as follows:

19,592# 20/40 sand in 324 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2457 psi @ ave rate of 23.1 BPM. ISIP 1720 psi. Actual Flush: 5040 gals.

05-15-08 5200-5211' Frac LODC sds as follows:

44,487# 20/40 sand in 448 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2174 psi @ ave rate of 23.4 BPM. ISIP 2560 psi. Actual Flush: 4696 gals.

05-15-08 5086-5096' Frac A1 sds as follows:

45,335# 20/40 sand in 439 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1987 psi @ ave rate of 23.3 BPM. ISIP 2240 psi. Actual Flush: 4578 gals.

05-15-08 4938-4944' Frac B2 sds as follows:

20,020# 20/40 sand in 310 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2133 psi @ ave rate of 23.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISIP 1885 psi. Actual Flush: 4431 gals.

05-15-08 4762-4768' Frac D3 sds as follows:

20,619# 20/40 sand in 307 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1898 psi @ ave rate of 23.4 BPM. Pumped 504 gals of 15% HCL in flush for Stage #6. ISIP 2099 psi. Actual Flush: 4255 gals.

05-15-08 4155-4165' Frac GB4 & GB6 sds as follows:

91,335# 20/40 sand in 664 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1983 psi @ ave rate of 23.3 BPM. ISIP 1900 psi. Actual Flush: 4078 gals.

2/19/09 Pump Change. Updated r & t details.

9/17/09 Tubing Leak. Updated rod & tubing details.


11/19/09 Pump Change. Updated rod & tubing.

6/14/2010 Tubing Leak. Update rod and tubing details.

03/25/11 Pump Change. Rod & tubing updated.

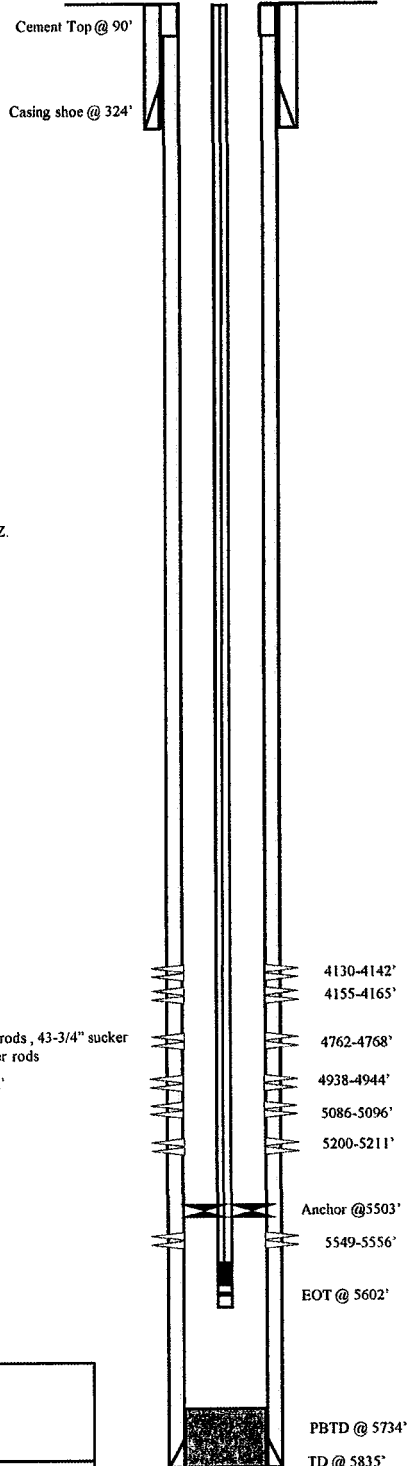
PERFORATION RECORD

4130-4142'	4 JSPF	48 holes
4155-4165'	4 JSPF	40 holes
4762-4768'	4 JSPF	24 holes
4938-4944'	4 JSPF	24 holes
5086-5096'	4 JSPF	40 holes
5200-5211'	4 JSPF	44 holes
5549-5556'	4 JSPF	28 holes



NEWFIELD

State 1-16-9-16
 687' FNL & 831' FEL
 NE/NE Section 16-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33845; Lease #Utah State ML-16532



CP State 32-16

Spud Date: 3-25-82
Put on Production: 8-26-82

Wellbore Diagram

SURFACE CASING

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CORRESPONDING RECORD
8-5/8"	24#	255'	12-1/4"	200 sx Class 'G'
5-1/2"	15.5#	5650'	7-7/8"	260 sx 50-50 Poz

Casing Shoe @ 255'

FRAC JOB

5504-5512' and 5526-5554' - Acidized with 2000 gal. 15% HCl with 1000 gal. terasperse, 20 gal. FE-1A & 4 gal. HAI-75 inhibitor. Fraced with 42,000 gal. VER-1400 gelled water with 62,500# 20/40 sand & 10,000# 10/20 sand.

5000-5010' and 4732-4738' - Fraced with 25,000 gal. VER-1400 gelled water with 28,000# of 20/40 sand & 10,000# of 10/20 sand.

TUBING

Size: 2 7/8"
Total String Length: EOT 5584'

TOC @ 4480'

4732'-5512'

EOT @ 5584'

PBSD @ 5620'

TD @ 5650'

PERFORATION RECORD

5504-5512' - 2 SPF, 23 gram, 4" gun

5526-5554' - 2 SPF, 23 gram, 4" gun

5000-5010' - 2 SPF, 23 gram, 4" gun

4732-4738' - 2 SPF, 23 gram, 4" gun

NEWFIELD

CP State 32-16

2009' FNL & 1838' FEL

SW/NE Section 16-T9S-R16E

Duchesne County, Utah

API #43-013-30650; Lease #ML-16532

Castle Peak State 43-16-9-16

Spud Date: 10/20/81
Put on Production: 5/06/82
GL: 5882' KB: 5892'

Wellbore Diagram

Initial Production: 90 BOPD,
TSTM MCFD, 10 BWPD

SURFACE CASING

CSG SIZE: 9-5/8"
GRADE: J-55
WEIGHT: 36#
LENGTH: 235'
DEPTH LANDED: 245' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 200 sxs cement.

PRODUCTION CASING

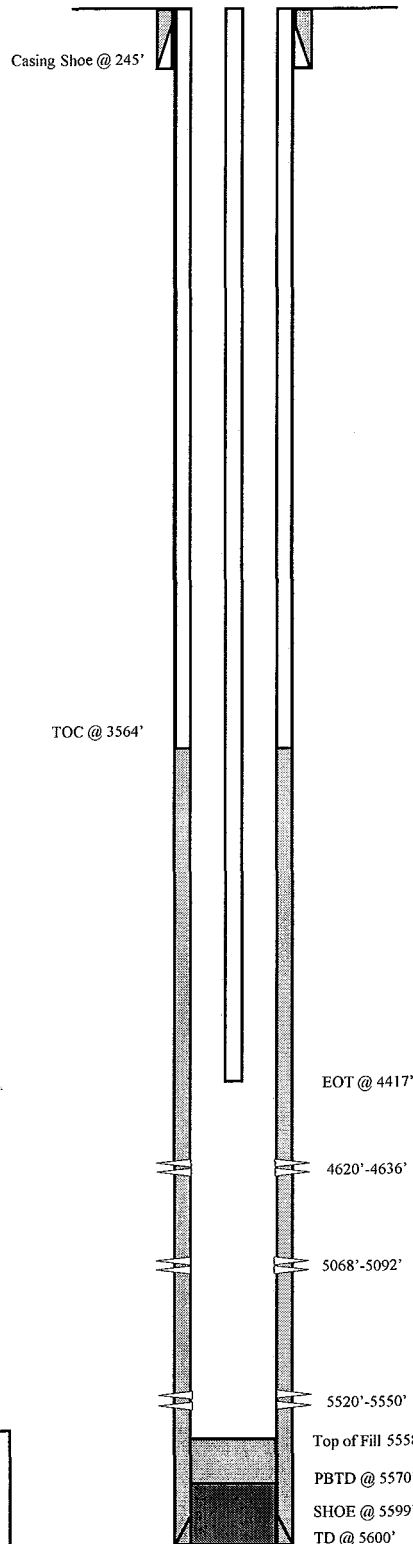
CSG SIZE: 5-1/2"
GRADE: K-55
WEIGHT: 15.5#
LENGTH: 5590'
DEPTH LANDED: 5598.78' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 450 sxs cement.
CEMENT TOP AT: 3564'

TUBING

SIZE/GRADE/WT.: 2-3/8" / J-55 / 6.5#
NO. OF JOINTS: 141 jts (4405.9')
SEATING NIPPLE: 1-2 3/8" (1.10')
SN LANDED AT: 4415.9'
EOT @ 4417'

FRAC JOB

5520'-5550'	Frac w/ 60,000# sand.
5068'-5092'	Frac w/ 48,000# sand.
4620'-4636'	Frac w/ 48,000# sand.
6/26/92	Hole in tubing. Update rod and tubing details.
5/27/04	Tubing leak. Update rod and tubing details.
9/22/04	Tubing leak. Update rod and tubing details.
7-26-05	Pump Change: Update tubing and rod details
8/24/07	Parted rods. Updated rod & tubing details.
03/11/08	Tbg Leak Updated rod and tubing detail
10-29-08	Pump Change. Updated rod & tubing details.
6/8/09	Tubing Leak. Updated r & t details.
05/25/11	Temporary Abandonment
06/13/11	MIT for TA



PERFORATION RECORD

4620'-4636'	2 SPF	34 holes
5068'-5092'	2 SPF	50 holes
5520'-5550'	2 SPF	60 holes



Castle Peak State 43-16
1820' FSL & 820' FEL
NE/SE Section 16-T9S-R16E
Duchesne County, Utah
API #43-013-30594; Lease #ML-16532

Monument Fed. 23-15-9-16

Spud Date: 10/06/93
 Put on Production: 11/30/93
 Put on Injection: 11/11/94
 GL: 5828' KB: 5838'

Initial Production: 40 BOPD,
 200 MCFD, 56 BWPD

Injection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 6 jts. (270.52')
 DEPTH LANDED: 278.25' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 150 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 15.5#
 LENGTH: 130 jts. (5666.71')
 DEPTH LANDED: 5675.71' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 100 sxs Hi-Fill & 250 sxs 50/50 POZ.
 CEMENT TOP AT: 2490' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 148 jts (4569.94')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4580.99' KB
 2 7/8" x 2 3/8" CROSSOVER: 4581.74' KB
 PACKER: 4587.94' KB
 TOTAL STRING LENGTH: EOT @ 4587.94'

FRAC JOB

11/03/93 5212'-5222' Frac zone as follows:
 20,700# 16/30 sand in 380 bbls. 2% KCl.
 Screened out.
 11/11/93 4645'-4808' Frac zone as follows:
 39,890# 16/30 sand in 637 bbl KCl. Avg.
 treating press. 2800 psi @ 19.5 BPM. ISIP
 1890 psi. Calc. flush: 4645 gal. Actual flush:
 4494 gal.
 07/15/05 5 YR MIT
 06/21/10 5 YR MIT

Cement Top@ 2490'

Packer @ 4587'

4645'-4649' D-1 sds

4653'-4655' D-1 sds

4666'-4672' D-2 sds

4803'-4808'

CIBP @ 5140' (10/13/94)

5212'-5222' LODC sds

SN @ 4580'
 EOT @ 4587'
 PBTD @ 5625'
 TD @ 5700'

PERFORATION RECORD

11/01/93	5216'-5220'	2 JSPF	08 holes
11/03/93	5212'-5222'	4 JSPF	40 holes
11/09/93	4803'-4808'	1 JSPF	05 holes
11/09/93	4666'-4672'	1 JSPF	04 holes
11/09/93	4653'-4655'	1 JSPF	02 holes
11/09/93	4645'-4649'	1 JSPF	03 holes
10/12/94	4666'-4672'	2 JSPF	12 holes
10/12/94	4653'-4655'	2 JSPF	04 holes
10/12/94	4645'-4649'	2 JSPF	08 holes



Monument Fed. #23-15-9-16
 1724' FSL & 2078' FWL
 NESW Section 15-T9S-R16E
 Duchesne Co, Utah
 API #43-013-31373; Lease #UTU-76241

Monument Federal 32-15J-9-16

Spud Date: 10/02/93
Put on Production: 11/20/93
Put on Injection: 11/11/94

GL: 5681' KB: 5691'

Initial Production: 20 BOPD,
120 MCFD, 0 BWPD

Injection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 6 jts. (268.89')
DEPTH LANDED: 276.69' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 150 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: K-55
WEIGHT: 15.5#
LENGTH: 129 jts. (5608.14')
DEPTH LANDED: 5602.14'
HOLE SIZE: 7-7/8"
CEMENT DATA: 113 sxs Hi-Lift & 249 sxs Class "G"
CEMENT TOP AT: 3100' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 149 jts (4592.73')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4603.83' KB
2 7/8" x 2 3/8" CROSSOVER: 4604.43' KB
PACKER: 4610.63' KB
TOTAL STRING LENGTH: EOT @ 4610.63'

FRAC JOB

10/25/93	5496'-5498'	Acidize zone as follows: 250 gal. 15% HCl.
10/27/93	5454'-5456'	Acidize zone as follows: 250 gal. 15% HCl.
10/28/93	4718'-4736'	Frac zone as follows: 28,000# 20/40 sand in 335 bbl 2% KCl. Avg. treating press. 2100 psi @ 20 BPM. ISIP 1800 psi. Calc. flush: 4718 gal. Actual flush: 4744 gal.
07/15/05		5 YR MIT
9-16-08		Zone Stimulation. Updated tubing details
06/21/10		5 YR MIT

Cement Top@ 3100'

Packer @ 4610'

4718'-4720'

4726'-4731'

4733'-4736'

5454'-5456'

5496'-5498'

PBTD @ 5556'
TD @ 5610'

PERFORATION RECORD

10/25/93	5496'-5498'	2 JSPF	04 holes
10/26/93	5496'-5498'	2 JSPF	04 holes
10/26/93	5454'-5456'	2 JSPF	08 holes
10/27/93	4733'-4736'	2 JSPF	06 holes
10/27/93	4726'-4731'	2 JSPF	10 holes
10/27/93	4718'-4720'	2 JSPF	04 holes

NEWFIELD

Monument Fed. 32-15-9-16

1868' FNL & 1993' FEL

SWNE Section 15-T9S-R16E

Duchesne Co, Utah

API #43-013-31368; Lease #UTU-017985

Castle Peak Fed. #22-15-9-16

Spud Date: 2/05/82
Put on Production: 4/08/82
GL: 5722' KB: 5735'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: K-55
WEIGHT: 24#
LENGTH: 7 jts (278.53')
DEPTH LANDED: 291' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 225 sxs Class "H" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: K-55
WEIGHT: 15.5#
LENGTH: 146 jts (5699.31')
DEPTH LANDED: 5712' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 400 sxs Prem. Lite, 200 sxs Class "H" & 200 sxs 50/50 POZ.
CEMENT TOP AT: 1700' per CBL

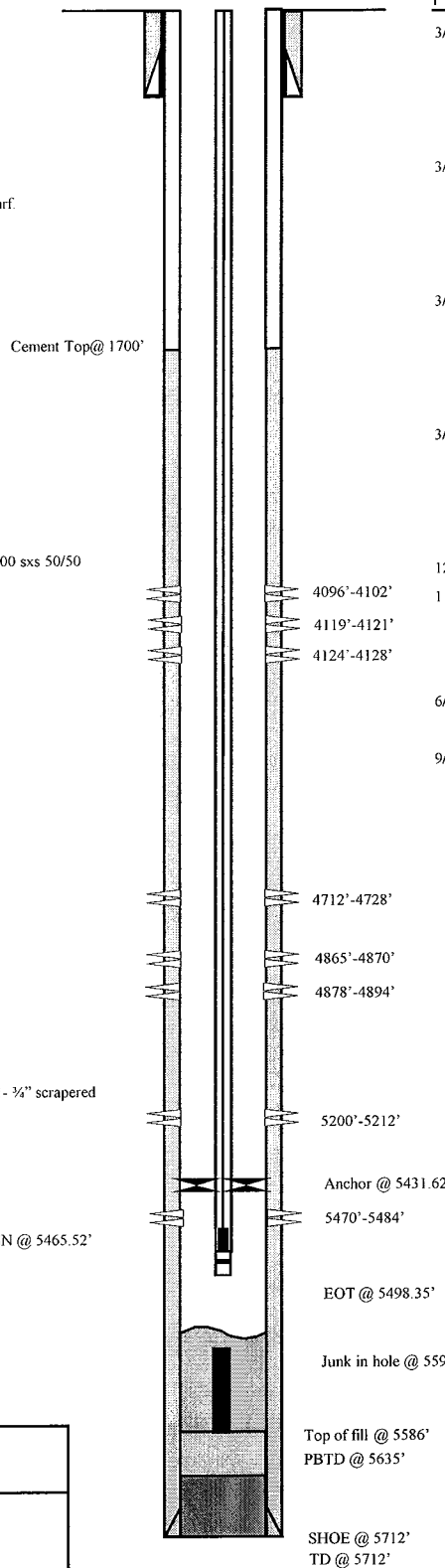
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 174 jts (5418.62')
TUBING ANCHOR: 5431.62'
NO. OF JOINTS: 1 jt (31.10')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5465.52'
NO. OF JOINTS: 1 jt (31.28')
TOTAL STRING LENGTH: EOT @ 5498.35'

SUCKER RODS

POLISHED ROD: 1-1/4" x 16'
SUCKER RODS: 100- 3/4" scraped rods, 71- 3/4" plain rods, 41- 3/4" scraped rods, 6-1 1/2" weight rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 15.5' RHAC w/ 126" SL
STROKE LENGTH: 62'
PUMP SPEED, SPM: 4 SPM

Wellbore Diagram



Initial Production: 175 BOPD,
53 MCFD, 172 BWPD

FRAC JOB

3/21/82	5470'-5484'	Frac zone as follows: 40,000# 20/40 sand + 10,000# 10/20 sand in 714 bbls frac fluid. Treated @ avg press of 1550 psi w/avg rate of 16 BPM. ISIP 1690 psi. Calc. flush: 5470 gal. Actual flush: 6370 gal.
3/23/82	5200'-5212'	Frac zone as follows: 30,000# 20/40 sand + 10,000# 10/20 sand in 654 bbls frac fluid. Treated @ avg press of 2350 psi w/avg rate of 16 BPM. ISIP 2370 psi. Calc. flush: 5200 gal. Actual flush: 5360 gal.
3/25/82	4865'-4894'	Frac zone as follows: 52,500# 20/40 sand + 12,000# 10/20 sand in 904 bbls frac fluid. Treated @ avg press of 1700 psi w/avg rate of 21 BPM. ISIP 1770 psi. Calc. flush: 4865 gal. Actual flush: 5000 gal.
3/27/82	4712'-4728'	Frac zone as follows: 62,500# 20/40 sand + 10,000# 10/20 sand in 940 bbls frac fluid. Treated @ avg press of 1960 psi w/avg rate of 15 BPM. ISIP 2100 psi. Calc. flush: 4712 gal. Actual flush: 5255 gal.
12/28/94		Pump change. Update rod and tubing details.
11/15/02	4096'-4128'	Frac GB6 sands as follows: 44,620# of 20/40 sand in 362 bbls Viking I-25 fluid. Treated @ ave. pressure of 1925 psi w/ave rate of 25.4 BPM. ISIP - 2025 psi. Calc. flush: 4096 gals. Actual flush: 3990 gals.
6/24/04		Tubing leak. Update tubing details.
9/14/07		Tubing Leak. Updated rod & tubing details.

PERFORATION RECORD

3/21/82	5470'-5484'	2 JSPF	29 holes
3/24/82	5200'-5212'	2 JSPF	25 holes
3/25/82	4865'-4870'	2 JSPF	11 holes
3/25/82	4878'-4894'	2 JSPF	33 holes
3/26/82	4712'-4728'	2 JSPF	33 holes
11/13/02	4124'-4128'	4 JSPF	16 holes
11/13/02	4119'-4121'	4 JSPF	8 holes
11/13/02	4096'-4102'	4 JSPF	24 holes



Castle Peak Fed. #22-15-9-16

2125' FNL & 2006' FEL
SENV Section 15-T9S-R16E
Duchesne Co, Utah
API #43-013-30634; Lease #U-017985

Spud Date: 5/20/82

Put on Production: 6/28/82

GL: 5702' KB: 5712'

Castle Peak Fed. 24-10A-9-16

Initial Production: 47 BOPD,
14 MCFD, 0 BWPDInjection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 32#

LENGTH:

DEPTH LANDED: 260' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 190 sxs cement.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH:

DEPTH LANDED: 5997' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 1165 sxs cement.

CEMENT TOP AT: 1160' per CBL

TUBING

SIZE/GRADE/WT.: 2-3/8" / J-55 / 4.7#

XO: 2-3/8" (0.3)

TBG: 1 jt 2-3/8" (31.8)

TBG PUP: 2-3/8" (22.2)

NO. OF JOINTS: 129 jts (3996.9')

XO: 2-3/8" (0.5)

PACKER: 5-1/2" / 6.5# CE @ 4069'

XO: 2-3/8" (0.5)

NO. OF JOINTS: 22 jts (682.5')

XO: 2-3/8" (0.5)

SEAL ASSEMBLY: 2-7/8" (0.3)

PACKER: 5-1/2" / 6.5# CE @ 4758'

TOTAL STRING LENGTH: EOT @ 4762'

FRAC JOB

6/10/82	5560'-5580'	Frac CP sand as follows: 33,000# 20/40 sand + 12,000# 10/20 sand in 690 bbls YF4PSD frac fluid. Treated @ avg press of 1450 psi w/avg rate of 12 BPM. ISIP 1700 psi. Calc. flush: 5560 gal. Actual flush: 5544 gal.
6/11/82	5259'-5272'	Frac LODC sand as follows: 29,000# 20/40 sand + 6,320# 10/20 sand in 644 bbls YF4PSD frac fluid. Treated @ avg press of 1450 psi w/avg rate of 10 BPM. ISIP 3800 psi. Calc. flush: 5259 gal. Actual flush: 5334 gal.
6/12/82	4822'-4832'	Frac C sand as follows: 9,326# 20/40 sand in 375 bbls YF4PSD frac fluid. Treated @ avg press of 1950 psi w/avg rate of 10 BPM. ISIP 3400 psi. Calc. flush: 4822 gal. Actual flush: 126 gal.
6/16/02	4143'-4172'	Frac GB4 sand as follows: 63,600# 20/40 sand in 471 bbls Viking I-25 frac fluid. Treated @ avg press of 2000 psi w/avg rate of 25.7 BPM. ISIP 2080 psi. Calc. flush: 4143 gal. Actual flush: 4074 gal.
1/27/06		Pump change. Update rod and tubing details
12/21/07		Tubing Leak. Updated rod & tubing details.
04/04/12		Convert to injection well
04/10/12		Conversion MIT Finalized - update tbg detail

PERFORATION RECORD

6/09/82	5560'-5580'	2 JSPF	40 holes
6/11/82	5259'-5272'	2 JSPF	26 holes
6/12/82	4822'-4832'	2 JSPF	20 holes
6/16/02	4168'-4172'	4 JSPF	16 holes
6/16/02	4156'-4164'	4 JSPF	32 holes
6/16/02	4143'-4150'	4 JSPF	28 holes

Cement Top@ 1160'

Packer @ 4069'

4143'-4150'

4156'-4164'

4168'-4172'

Packer @ 4758'

EOT @ 4762'

4822'-4832'

5259'-5272'

5560'-5580'

PBTD @ 5923'

TD @ 6021'

NEWFIELD

Castle Peak Fed. 24-10A-9-16

600' FSL & 2020' FWL

SESW Section 10-T9S-R16E

Duchesne Co, Utah

API #43-013-30555; Lease #UTU-72107

Balcron Monument Federal #21-15J

Spud Date: 2-7-94

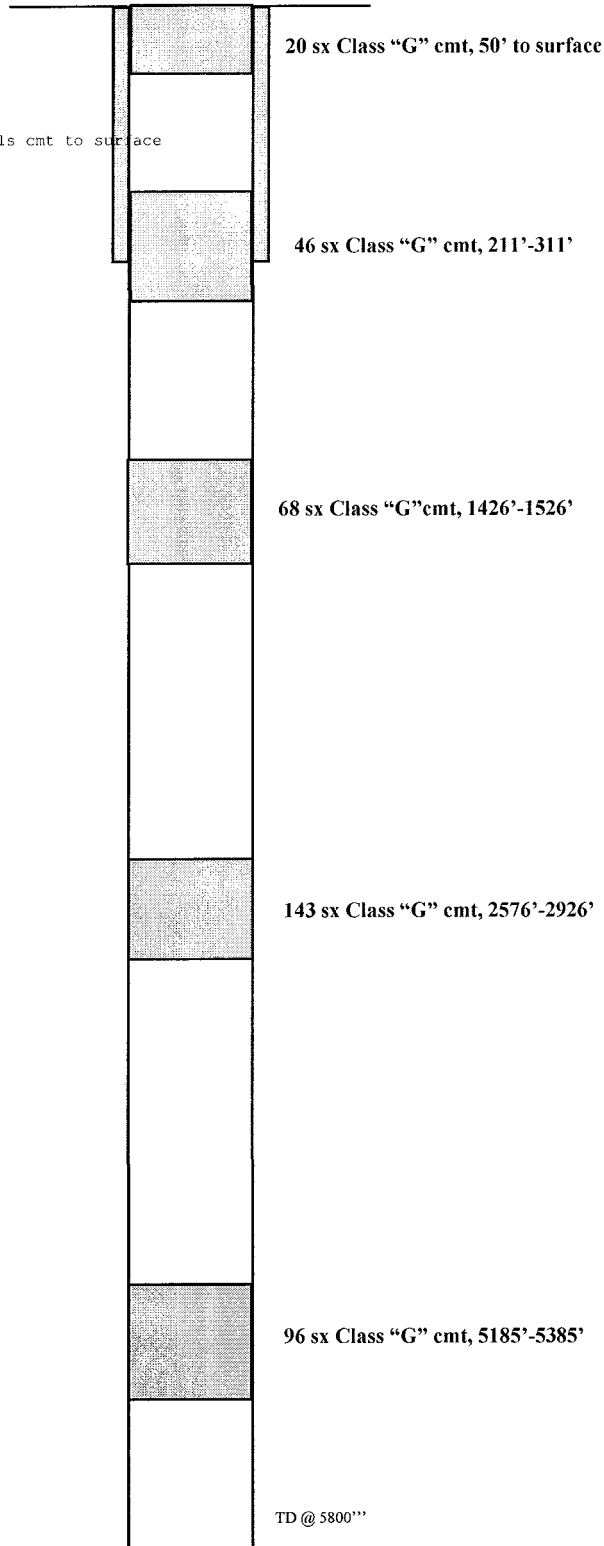
Put on Production:

GL: 5737.20' KB: 5747.20'

Wellbore Diagram

SURFACE CASING

SIZE: 8 5/8"
 GRADE: J-55
 WEIGHT: 24 #
 LENGTH: 5 jts @ 205.74'
 HOLE SIZE: 12 1/4"
 DEPTH LANDED: 249.40
 CEMENT DATA: 150 sx Class G, est 3 bbls cmt to surface



Balcron Monument Federal #21-15J
 645 FNL 1830 FWL
 NENW Section 15-T9S-R16E
 Duchesne Co, Utah
 API #43-013-31422; Lease #U-017985

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**Sales Rep: **Darren Betts**Well Name: **SWDIF**Lab Tech: **Gary Peterson**Sample Point: **After production filter**Sample Date: **12/9/2011**Sample ID: **WA-204150**Scaling potential predicted using ScaleSoftPitzer from
Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
		Cations		Anions	
Test Date:		mg/L		mg/L	
System Temperature 1 (°F):	300.00	Sodium (Na):	6799.09	Chloride (Cl):	10000.00
System Pressure 1 (psig):	3000.00	Potassium (K):	26.10	Sulfate (SO4):	2.00
System Temperature 2 (°F):	70.00	Magnesium (Mg):	9.40	Bicarbonate (HCO3):	1024.80
System Pressure 2 (psig):	14.70	Calcium (Ca):	26.80	Carbonate (CO3):	0.00
Calculated Density (g/ml):	1.01	Strontium (Sr):	0.00	Acetic Acid (CH3COO)	0.00
pH:	8.20	Barium (Ba):	24.20	Propionic Acid (C2H5COO)	0.00
Calculated TDS (mg/L):	17913.62	Iron (Fe):	0.47	Butanoic Acid (C3H7COO)	0.00
CO2 in Gas (%):	0.00	Zinc (Zn):	0.00	Isobutyric Acid ((CH3)2CHCOO)	0.00
Dissolved CO2 (mg/L):	0.00	Lead (Pb):	0.70	Fluoride (F):	0.00
H2S in Gas (%):	0.00	Ammonia NH3:	0.00	Bromine (Br):	0.00
H2S in Water (mg/L):	10.00	Manganese (Mn):	0.06	Silica (SiO2):	0.00

Notes:

(PTB = Pounds per Thousand Barrels)

Temp (°F)	PSI	Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4·2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70	14	0.68	13.26	0.21	0.60	2.60	0.26	0.67	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	346	0.70	13.48	0.00	0.00	2.38	0.26	0.78	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121	678	0.76	14.55	0.00	0.00	2.24	0.26	0.91	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	1009	0.82	15.79	0.00	0.00	2.16	0.26	1.02	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	1341	0.90	17.10	0.00	0.00	2.12	0.26	1.13	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
197	1673	0.99	18.39	0.00	0.00	2.12	0.26	1.22	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
223	2004	1.09	19.55	0.00	0.00	2.15	0.26	1.31	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
248	2336	1.19	20.54	0.00	0.00	2.21	0.26	1.37	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
274	2668	1.30	21.32	0.00	0.00	2.28	0.26	1.42	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300	3000	1.40	21.90	0.00	0.00	2.36	0.26	1.46	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Temp (°F)	PSI	Hemihydrate CaSO4·0.5H2O		Anhydrate CaSO4		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70	14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.45	0.28	0.00	0.00	0.00	0.00	0.00	0.00
95	346	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.59	0.28	0.00	0.00	0.00	0.00	0.00	0.00
121	678	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.89	0.28	0.00	0.00	0.00	0.00	0.00	0.00
146	1009	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.28	0.28	0.00	0.00	0.00	0.00	0.00	0.00
172	1341	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.76	0.28	0.00	0.00	0.00	0.00	0.00	0.00
197	1673	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.32	0.28	0.00	0.00	0.00	0.00	0.00	0.00
223	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.93	0.28	0.00	0.00	0.00	0.00	0.00	0.00
248	2336	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.60	0.28	0.00	0.00	0.00	0.00	0.00	0.00
274	2668	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.30	0.28	0.00	0.00	0.00	0.00	0.00	0.00
300	3000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.03	0.28	0.00	0.00	0.00	0.00	0.00	0.00

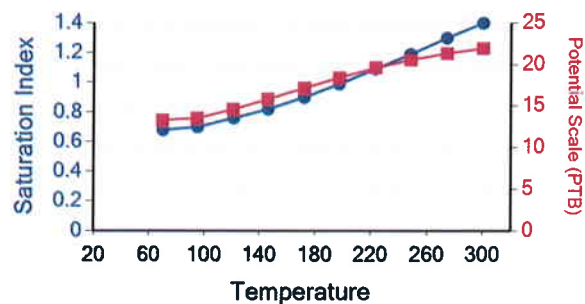
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Lead Sulfide

ATTACHMENT F
2054

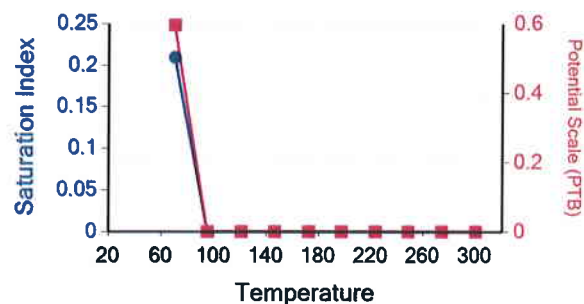
multi-chem®

A HALLIBURTON SERVICE

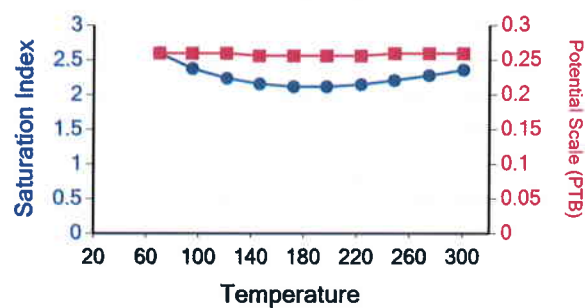
Calcium Carbonate



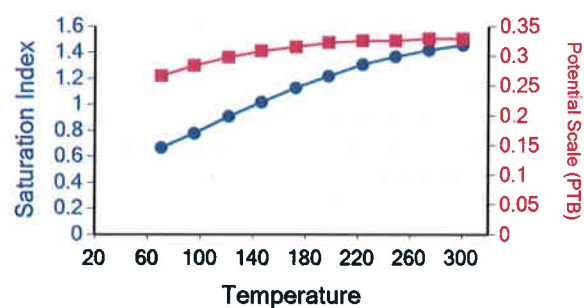
Barium Sulfate



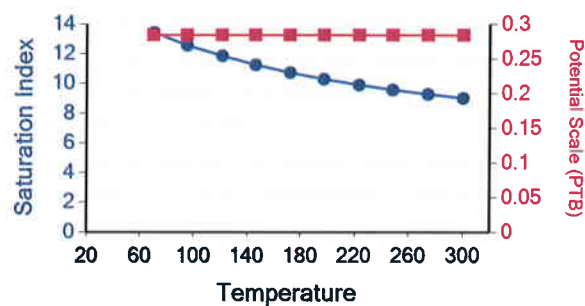
Iron Sulfide



Iron Carbonate



Lead Sulfide



Units of Measurement: Standard

Water Analysis Report

Production Company: **NEWFIELD**
 Well Name: **Federal 5-15-9-16**
 Sample Point:
 Sample Date: **4/20/2012**
 Sample ID: **WA-212373**

Sales Rep: **Darren Betts**
 Lab Tech: **Gary Peterson**

Scaling potential predicted using ScaleSoftPitzer from
 Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	4/25/2012	Cations	mg/L	Anions	mg/L
System Temperature 1 (°F):	300.00	Sodium (Na):	5499.73	Chloride (Cl):	7000.00
System Pressure 1 (psig):	3000.0000	Potassium (K):	38.30	Sulfate (SO ₄):	293.00
System Temperature 2 (°F):	70.00	Magnesium (Mg):	6.50	Bicarbonate (HCO ₃):	2318.00
System Pressure 2 (psig):	14.7000	Calcium (Ca):	15.00	Carbonate (CO ₃):	0.00
Calculated Density (g/ml):	1.01	Strontium (Sr):	0.00	Acetic Acid (CH ₃ COO)	0.00
pH:	8.70	Barium (Ba):	1.40	Propionic Acid (C ₂ H ₅ COO)	0.00
Calculated TDS (mg/L):	15172.73	Iron (Fe):	0.50	Butanoic Acid (C ₃ H ₇ COO)	0.00
CO ₂ in Gas (%):	0.00	Zinc (Zn):	0.00	Isobutyric Acid ((CH ₃) ₂ CHCOO)	0.00
Dissolved CO ₂ (mg/L):	59.40	Lead (Pb):	0.10	Fluoride (F):	0.00
H ₂ S in Gas (%):	0.00	Ammonia NH ₃ :	0.00	Bromine (Br):	0.00
H ₂ S in Water (mg/L):	43.00	Manganese (Mn):	0.20	Silica (SiO ₂):	0.00

Notes:

(PTB = Pounds per Thousand Barrels)

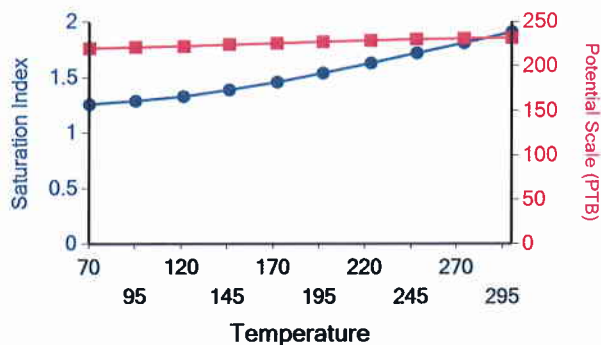
Temp (°F)	PSI	Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO ₄ ·2H ₂ O		Celestite SrSO ₄		Halite NaCl		Zinc Sulfide	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70.00	14.00	1.26	12.30	1.19	0.78	3.86	0.28	1.60	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95.00	346.00	1.29	12.35	0.95	0.74	3.64	0.28	1.72	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121.00	678.00	1.33	12.43	0.76	0.69	3.49	0.28	1.83	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146.00	1009.00	1.39	12.51	0.62	0.63	3.40	0.28	1.94	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172.00	1341.00	1.46	12.60	0.51	0.57	3.35	0.28	2.04	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
197.00	1673.00	1.54	12.70	0.43	0.53	3.35	0.28	2.13	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
223.00	2004.00	1.63	12.78	0.39	0.49	3.37	0.28	2.20	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
248.00	2336.00	1.72	12.85	0.36	0.47	3.42	0.28	2.27	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
274.00	2668.00	1.81	12.90	0.35	0.46	3.48	0.28	2.31	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	3000.00	1.91	12.95	0.36	0.47	3.55	0.28	2.34	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Temp (°F)	PSI	Hemihydrate CaSO ₄ ·0.5H ₂ O		Anhydrate CaSO ₄		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70.00	14.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.78	0.04	0.00	0.00	0.00	0.00	0.00	0.00
95.00	346.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.94	0.04	0.00	0.00	0.00	0.00	0.00	0.00
121.00	678.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.22	0.04	0.00	0.00	0.00	0.00	0.00	0.00
146.00	1009.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.60	0.04	0.00	0.00	0.00	0.00	0.00	0.00
172.00	1341.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.08	0.04	0.00	0.00	0.00	0.00	0.00	0.00
197.00	1673.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.62	0.04	0.00	0.00	0.00	0.00	0.00	0.00
223.00	2004.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.23	0.04	0.00	0.00	0.00	0.00	0.00	0.00
248.00	2336.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.88	0.04	0.00	0.00	0.00	0.00	0.00	0.00
274.00	2668.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.58	0.04	0.00	0.00	0.00	0.00	0.00	0.00
300.00	3000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.30	0.04	0.00	0.00	0.00	0.00	0.00	0.00

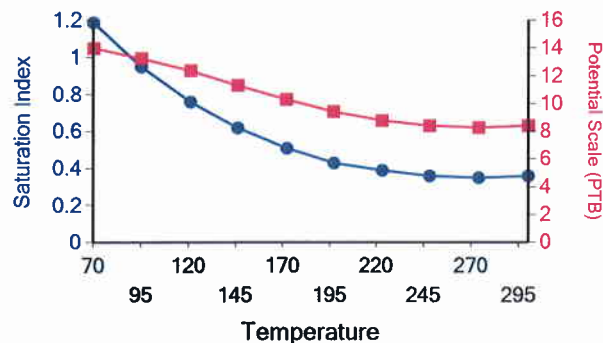
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Lead Sulfide

These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Lead Sulfide

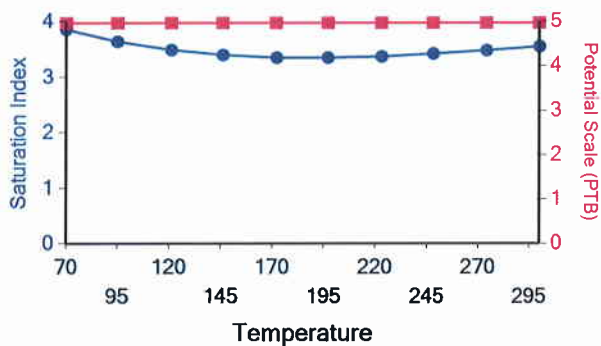
Calcium Carbonate



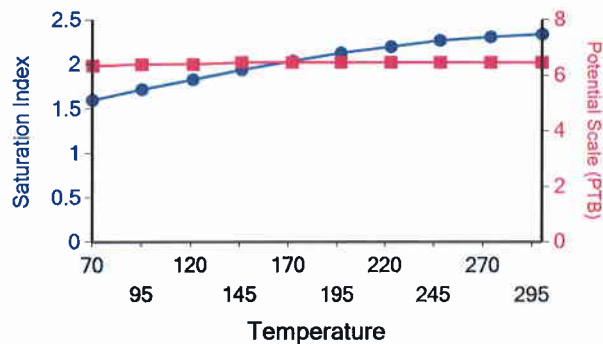
Barium Sulfate



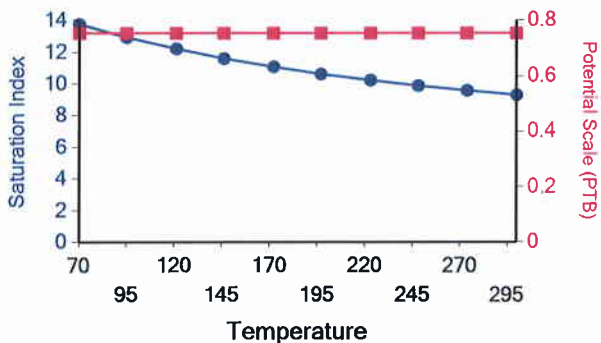
Iron Sulfide



Iron Carbonate



Lead Sulfide



Attachment "G"

**Federal #5-15-9-16
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5450	5542	5496	1662	0.74	1627 ←
5539	5560	5550	2090	0.81	2054
4819	4825	4822	1792	0.80	1761
4665	4674	4670	2060	0.87	2030
4218	4224	4221	2212	0.96	2185
4174	4181	4178	2212	0.96	2185
				Minimum	<u><u>1627</u></u>

Calculation of Maximum Surface Injection Pressure

$P_{max} = (\text{Frac Grad} - (0.433 \times 1.015)) \times \text{Depth of Top Perf}$
 where pressure gradient for the fresh water is .433 psi/ft and
 specific gravity of the injected water is 1.015.

$\text{Frac Gradient} = (\text{ISIP} + (0.433 \times \text{Top Perf.})) / \text{Top Perf.}$

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.

WELL NAME: Jonah 5-15-9-16 Report Date: 6/21/2007 Day: 1
Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 311' Prod Csg: 5-1/2" @ 6033' Csg PBTD: 5944'
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

PERFORATION RECORD

[illegible]

CHRONOLOGICAL OPERATIONS

Date Work Performed: 6/20/2007 **SITP:** **SICP:** 0

Install 5m frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5944' & cement top @ 46'. Perforate stage #1, CP2 sds @ 5616-25' w/ 3-1/8" Slick Guns (19 gram, .49"HE. 120) w/ 4 spf for total of 36 shots. 142 bbls EWTR. SIFN.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: <u>142</u> Fluid <u>lost</u> /recovered today: <u>0</u> Ending fluid to be recovered: <u>142</u> IFL: FFL: FTP:	Starting oil rec to date: _____ Oil lost/recovered today: _____ Cum oil recovered: _____ Choke: Final Fluid Rate: Final oil cut: _____	
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--

STIMULATION DETAIL

Base Fluid used: _____ Job Type: _____

Company: _____

Procedure or Equipment detail:

[illegible]

COSTS

Weatherford BOP	\$540
NPC NU crew	\$300
NDSI trucking	\$800
Perforators LLC	\$5,656
Drilling cost	\$265,579
D&M Hot Oil	\$473
Location preparation	\$300
NPC wellhead	\$1,500
Benco - anchors	\$1,200
Admin. Overhead	\$3,000
NPC Supervision	\$300

Max TP: Max Rate: Total fluid pmpd:

Avg TP: **Avg Rate:** **Total Prop pmpd:**

ISIP: 5 min: 10 min: FG:

Completion Supervisor: Don Dulen

DAILY COST: \$279,648

TOTAL WELL COST: \$279,648

TOTAL WELL COST: \$301,225



DAILY COMPLETION REPORT

WELL NAME: Jonah 5-15-9-16 Report Date: 6/26/2007 Day: 2b
 Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 311' Prod Csg: 5-1/2" @ 6033' Csg PBTD: 5944'
 Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 5590'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
CP1 sds	5539-5560'	4/84			
CP2 sds	5616-5625'	4/36			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 6/25/2007 SITP: SICP: 100

Day2b.

RU Lone Wolf WLT, crane & lubricator. RIH W/ Weatherford 5-1/2" solid (6K) composite frac plug & 21' perf gun. Se plug @ 5590'. Perforate CP1 sds @ 5539-60' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90) w/ 4 spf for total of 84 shots. RU BJ & frac stage #2 w/ 100,170#s of 20/40 sand in 740 bbls of Lightning 17 frac fluid. Open well w/ 100 ps on casing. Perfs broke down @ 3860 psi. Treated @ ave pressure of 1719 w/ ave rate of 24.7 bpm w/ 8 ppg of sand Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2090. 1230 bbls EWTR. Leave pressure on well. See day2c.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 490 Starting oil rec to date:
 Fluid lost/recovered today: 740 Oil lost/recovered today:
 Ending fluid to be recovered: 1230 Cum oil recovered:
 IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

COSTS

Base Fluid used: Lightning 17 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: CP1 sds down casing

7476 gals of pad

5000 gals w/ 1-5 ppg of 20/40 sand

10000 gals w/ 5-8 ppg of 20/40 sand

3060 gals w/ 8 ppg of 20/40 sand

504 gals of 15% HCL acid

Flush w/ 5040 gals of slick water

Flush called @ blender to include 2 bbls pump/line volume

Max TP: 2079 Max Rate: 24.7 Total fluid pmpd: 740 bbls

Avg TP: 1719 Avg Rate: 24.7 Total Prop pmpd: 100,170#s

ISIP: 2090 5 min: 10 min: FG: .81

Completion Supervisor: Ron Shuck

Weatherford Services \$2,300

C-D trkg frac water \$2,020

NPC fuel gas \$380

BJ Services CP1 sds \$20,237

Lone Wolf CP1 sds \$3,750

DAILY COST: \$28,687

TOTAL WELL COST: \$329,912



DAILY COMPLETION REPORT

WELL NAME: Jonah 5-15-9-16Report Date: 6/26/2007Day: 2cOperation: CompletionRig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 311' Prod Csg: 5-1/2" @ 6033' Csg PBTD: 5944'
 Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 4930'
 Plug 5590'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
C sds	4819-4825'	4/24			
CP1 sds	5539-5560'	4/84			
CP2 sds	5616-5625'	4/36			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 6/25/2007SITP: SICP: 1433

Day2c.

RU WLT. RIH W/ flow through frac plug & 6' perf gun. Set plug @ 4930'. Perforate C sds @ 4819-25' w/ 4 spf for total of 24 shots. RU BJ & frac stage #3 w/ 19,504#'s of 20/40 sand in 281 bbls of Lightning 17 frac fluid. Open well w. 1433 psi on casing. Perfs broke down @ 1485 psi. Treated @ ave pressure of 1963 w/ ave rate of 24.7 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1792. 1511 bbls EWTR. Leave pressure on well. See day2d.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1230 Starting oil rec to date:
 Fluid lost/recovered today: 281 Oil lost/recovered today:
 Ending fluid to be recovered: 1511 Cum oil recovered:
 IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

COSTS

Base Fluid used: Lightning 17 Job Type: Sand fracCompany: BJ ServicesProcedure or Equipment detail: C sds down casing420 gals to cross link1974 gals of pad1511 gals w/ 1-4 ppg of 20/40 sand3025 gals w/ 4-6.5 ppg of 20/40 sand504 gals of 15% HCL acidFlush w/ 4368 gals of slick water**Flush called @ blender to include 2 bbls pump/line volume**Max TP: 2291 Max Rate: 24.7 Total fluid pmpd: 281 bblsAvg TP: 1963 Avg Rate: 24.7 Total Prop pmpd: 19,504#'sISIP: 1792 5 min: 10 min: FG: .81Completion Supervisor: Ron ShuckWeatherford Services \$2,300C-D trkg frac water \$390NPC fuel gas \$80BJ Services C sds \$5,395Lone Wolf C sds \$3,750DAILY COST: \$11,915TOTAL WELL COST: \$341,827



DAILY COMPLETION REPORT

WELL NAME: Jonah 5-15-9-16Report Date: 6/26/2007Day: 2dOperation: CompletionRig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 311'Prod Csg: 5-1/2" @ 6033'Csg PBTD: 5944'Tbg: Size: Wt:Grd: Pkr/EOT @:BP/Sand PBTD: 4750'Plug 5590' 4930'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D1 sds	4665-4674'	4/36			
C sds	4819-4825'	4/24			
CP1 sds	5539-5560'	4/84			
CP2 sds	5616-5625'	4/36			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 6/25/2007SITP: SICP: 343

Day2d.

RU WLT. RIH W/ solid frac plug & 9' perf gun. Set plug @ 4750'. Perforate D1 sds @ 4665-74' w/ 4 spf for total of 36 shots. RU BJ & frac stage #4 w/ 45,093#'s of 20/40 sand in 407 bbls of Lightning 17 frac fluid. Open well w/ 343 psi on casing. Perfs broke down @ 2627 psi. Treated @ ave pressure of 1963 w/ ave rate of 24.7 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2060. 1916 bbls EWTR. Leave pressure or well. See day2e.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1511Starting oil rec to date: Fluid lost/recovered today: 405Oil lost/recovered today: Ending fluid to be recovered: 1916Cum oil recovered: IFL: FFL: FTP:Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand fracCompany: BJ ServicesProcedure or Equipment detail: D1 sds down casing3570 gals of pad2819 gals w/ 1-5 ppg of 20/40 sand5917 gals w/ 5-8 ppg of 20/40 sand504 gals of 15% HCL acidFlush w/ 4200 gals of slick water**Flush called @ blender to include 2 bbls pump/line volume**Max TP: 2627 Max Rate: 24.7 Total fluid pmpd: 405 bblsAvg TP: 2196 Avg Rate: 24.7 Total Prop pmpd: 45,093#'sISIP: 2060 5 min: 10 min: FG: .88Completion Supervisor: Ron Shuck

COSTS

Weatherford Services \$2,300C-D trkg frac water \$9,978NPC fuel gas \$920BJ Services D1 sds \$170Lone Wolf D1 sds \$3,750DAILY COST: \$17,118TOTAL WELL COST: \$358,945



DAILY COMPLETION REPORT

WELL NAME: Jonah 5-15-9-16 Report Date: 6/26/2007 Day: 2e
 Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 311' Prod Csg: 5-1/2" @ 6033' Csg PBTD: 5944'
 Tbg: Size: _____ Wt: _____ Grd: _____ Pkr/EOT @: _____ BP/Sand PBTD: 4340'
 Plug 5590' 4930' 4750'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	4174-4181'	4/28			
GB6 sds	4218-4224'	4/24			
D1 sds	4665-4674'	4/36			
C sds	4819-4825'	4/24			
CP1 sds	5539-5560'	4/84			
CP2 sds	5616-5625'	4/36			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 6/25/2007 SITP: _____ SICP: 1570

Day2e.

RU WLT. RIH W/ flow through frac plug & 6' & 7' perf guns. Set plug @ 4340'. Perforate GB6 sds @ 4218-24' & GB4 sds @ 4174-81' w/ 4 spf for total of 52 shots. RU BJ & frac stage #5 w/ 39,989#'s of 20/40 sand in 383 bbls of Lightning 17 frac fluid. Open well w/ 1570 psi on casing. Perfs broke down @ 2723 psi. Treated @ ave pressure of 1956 w/ ave rate of 24.7 bpm w/ 8 ppg of sand. ISIP was 2212. 2299 bbls EWTR. RD BJ & WLT. Flow well back Well flowed for 4 hours & died w/ 300 bbls rec'd. SIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2299 Starting oil rec to date: _____
 Fluid lost/recovered today: 300 Oil lost/recovered today: _____
 Ending fluid to be recovered: 1999 Cum oil recovered: _____
 IFL: _____ FFL: _____ FTP: _____ Choke: _____ Final Fluid Rate: _____ Final oil cut: _____

STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: GB6 & GB4 sds down casing

3780 gals of pad

2625 gals w/ 1-5 ppg of 20/40 sand

5250 gals w/ 5-8 ppg of 20/40 sand

273 gals w/ 8 ppg of 20/40 sand

Flush w/ 4158 gals of slick water

COSTS

Weatherford Services \$2,300

C-D trkg frac water \$960

NPC fuel gas \$180

BJ Services GB sds \$9,978

Lone Wolf GB sds \$3,750

C-D trkg water transfer \$500

Max TP: 2299 Max Rate: 24.7 Total fluid pmpd: 383 bbls

Avg TP: 1956 Avg Rate: 24.7 Total Prop pmpd: 39,989#'s

ISIP: 2212 5 min: _____ 10 min: _____ FG: .96

Completion Supervisor: Ron Shuck

DAILY COST: \$17,668

TOTAL WELL COST: \$376,613



7 of 11

DAILY COMPLETION REPORT

WELL NAME: Jonah 5-15-9-16Report Date: June 27, 2007Day: 3Operation: CompletionRig: Western #2

WELL STATUS

Surf Csg: 8-5/8' @ 311' Prod Csg: 5-1/2" @ 6033' Csg PBTD: 5944'
 Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: BP/Sand PBTD: 4340'
 Plug 5590' 4930' 4750'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	4174-4181'	4/28			
GB6 sds	4218-4224'	4/24			
D1 sds	4665-4674'	4/36			
C sds	4819-4825'	4/24			
CP1 sds	5539-5560'	4/84			
CP2 sds	5616-5625'	4/36			

CHRONOLOGICAL OPERATIONS

Date Work Performed: June 26, 2007SITP: SICP: 600

MIRU Western #2. Bleed pressure off well. Flowed 3 hrs rec 220 BTF W/ strong gas & large tr oil. RU & pump 50 BW dn casing (pressures up to 1000 psi). Bleed well off. Rec 50 BW followed W/ oil & gas. SIFN W/ est 1779 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1999 Starting oil rec to date:
 Fluid lost/recovered today: 220 Oil lost/recovered today:
 Ending fluid to be recovered: 1779 Cum oil recovered:
 IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

COSTS

Base Fluid used: Job Type: Company:

Procedure or Equipment detail:

Western #2 rig	\$1,843
Weatherford BOP	\$250
NDSI trucking	\$1,200
NPC trucking	\$600
NDSI wtr & truck	\$400
Unichem chemicals	\$300
NPC sfc equipment	\$130,000
Boren labor & welding	\$19,500
B & L - new J55 tbg	\$33,746
NPC location cleanup	\$300
NDSI wtr disposal	\$4,000
Monks pit reclaim	\$1,800
NPC supervision	\$300

Max TP: Max Rate: Total fluid pmpd: Avg TP: Avg Rate: Total Prop pmpd: ISIP: 5 min: 10 min: FG: Completion Supervisor: Gary DietzDAILY COST: \$194,239TOTAL WELL COST: \$570,852



DAILY COMPLETION REPORT

WELL NAME: Jonah 5-15-9-16Report Date: June 28, 2007Day: 4Operation: CompletionRig: Western #2

WELL STATUS

Surf Csg: 8-5/8' @ 311' Prod Csg: 5-1/2" @ 6033' Csg PBTD: 5944'
 Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: 4771' BP/Sand PBTD: 5590' 4930'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	4174-4181'	4/28			
GB6 sds	4218-4224'	4/24			
D1 sds	4665-4674'	4/36			
C sds	4819-4825'	4/24			
CP1 sds	5539-5560'	4/84			
CP2 sds	5616-5625'	4/36			

CHRONOLOGICAL OPERATIONS

Date Work Performed: June 27, 2007SITP: SICP: 600

SICP @ 600 psi. RU & bullhead 20 BW dn casing (pressure @ 1500 psi). RU Perforators LLC WLT & lubricator RIH W/ Weatherford 5 1/2" solid composite plug & set @ 4075'. RD WLT. Bleed oil & gas off well. Pump 20 BW dr well & bleed off gas. ND Cameron BOP & 5M frac head. Install 3M production tbg head & NU Weatherford Schaeffer BOP. Talley, drift, PU & TIH W/ used Weatherford 4 3/4" "Chomp" bit, bit sub & new 2 7/8 8rd 6.5# J-55 tbg. Tag kil plug @ 4075'. RU swivel. Circ oil & gas f/ well (rec est 40 BO to production tk). Drill out kill plug in 29 minutes Using conventional circulation). Con't swivelling jts in hole. Tag plug @ 4340'. Drill out plug in 14 minutes. Tag sd @ 4708' Drill out plug @ 4750' in 12 minutes. Circ hole clean. Gained add'l 50 BTF during cleanout. Hang back swivel. SIFN W/ EOT @ 4771'. Est 1769 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1779 Starting oil rec to date: 0
 Fluid lost/recovered today: 10 Oil lost/recovered today: 40
 Ending fluid to be recovered: 1769 Cum oil recovered: 40
 IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

COSTS

Base Fluid used: Job Type: Company:

Procedure or Equipment detail:

Western #2 rig	\$5,319
Weatherford BOP	\$250
Perforators LLC	\$2,430
Weatherford tools	\$2,450
Nabors swivel	\$750
CDI TA	\$525
CDI SN	\$80
NPC supervision	\$300

Max TP: Max Rate: Total fluid pmpd: Avg TP: Avg Rate: Total Prop pmpd: ISIP: 5 min: 10 min: FG: Completion Supervisor: Gary DietzDAILY COST: \$12,104TOTAL WELL COST: \$582,956



9 of 11

DAILY COMPLETION REPORT

WELL NAME: Jonah 5-15-9-16Report Date: June 29, 2007Day: 5Operation: CompletionRig: Western #2

WELL STATUS

Surf Csg: 8-5/8' @ 311' Prod Csg: 5-1/2" @ 6033' Csg PBTD: 5988'
 Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: 5943' BP/Sand PBTD: 5988'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	4174-4181'	4/28			
GB6 sds	4218-4224'	4/24			
D1 sds	4665-4674'	4/36			
C sds	4819-4825'	4/24			
CP1 sds	5539-5560'	4/84			
CP2 sds	5616-5625'	4/36			

CHRONOLOGICAL OPERATIONS

Date Work Performed: June 28, 2007SITP: 125 SICP: 500

Bleed well off to production tks. RU & circ hole W/ clean wtr. Con't PU & TIH W/ bit and tbg f/ 4771'. Tag fill @ 4832'. PU swivel. Con't C/O sd & drill out composite bridge plugs as follows (using conventional circulation): sd @ 4832', plug @ 4930' in 15 minutes; sd @ 5531', plug @ 5590' in 15 minutes. Con't swivelling jts in hole. Tag fill @ 5880'. Drill plug remains & sd to PBTD @ 5988'. Circ hole clean. Gained est 40 BW & 20 BO during cleanout. RC swivel. Pull EOT to 5943'. RU swab equipment. IFL @ sfc. Made 13 swb runs rec 155 BTF W/ light gas, 10% FOC & no sand. Well flowing sporadically. SIFN W/ est 1574 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1769 Starting oil rec to date: 40
 Fluid lost/recovered today: 195 Oil lost/recovered today: 20
 Ending fluid to be recovered: 1574 Cum oil recovered: 60
 IFL: sfc FFL: sfc FTP: Choke: Final Fluid Rate: Final oil cut: 10%

STIMULATION DETAIL

COSTS

Base Fluid used: Job Type: Company: Procedure or Equipment detail:

Western #2 rig	\$4,766
Weatherford BOP	\$250
Nabors swivel	\$750
NPC trucking	\$300
NPC supervision	\$300

Max TP: Max Rate: Total fluid pmpd: Avg TP: Avg Rate: Total Prop pmpd: ISIP: 5 min: 10 min: FG: Completion Supervisor: Gary DietzDAILY COST: \$6,366TOTAL WELL COST: \$589,322

10 of 11

WELL NAME: Jonah 5-15-9-16 Report Date: June 30, 2007 Day: 6
Operation: Completion Rig: Western #2

WELL STATUS

Surf Csg:	<u>8-5/8'</u>	@	<u>311'</u>	Prod Csg:	<u>5-1/2"</u>	@	<u>6033'</u>	Csg PBDT:	<u>5988'</u>
Tbg:	Size: <u>2 7/8"</u>		Wt: <u>6.5#</u>	Grd:	<u>J-55</u>	Anchor @:	<u>5592'</u>	BP/Sand PBDT:	<u>5988'</u>

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
GB4 sds	4174-4181'	4/28			
GB6 sds	4218-4224'	4/24			
D1 sds	4665-4674'	4/36			
C sds	4819-4825'	4/24			
CP1 sds	5539-5560'	4/84			
CP2 sds	5616-5625'	4/36			

CHRONOLOGICAL OPERATIONS

Date Work Performed: June 29, 2007 **SITP:** 450 **SICP:** 450

Bleed well off to production tks. Stays flowing fairly strong. Circ oil & gas f/ well. Rec est 40 BW & 20 BO during flowback & circulation. Well static. TIH W/ tbg. Tag PBTD @ 5988' (no new fill). LD excess tbg. TOH W/ tbg-LD bit. TIH W/ BHA & production tbg as follows: 2 7/8 NC, 2 jts tbg, SN, 1 jt tbg, new CDI 5 1/2" TA (45K) & 185 jts 2 7/8 8rd 6.5# J-55 tbg. ND BOP. Set TA @ 5592' W/ SN @ 5624' & EOT @ 5686'. Land tbg W/ 16,000# tension. NU wellhead. PU & TIH W/ pump and "A" grade rod string as follows: new CDI 2 1/2" X 1 1/2" X 15' RHAC pump, 6-1 1/2 weight rods, 20-3/4" scraped rods, 98-3/4" plain rods, 100-3/4" scraped rods, 1-4' X 3/4" pony rod and 1 1/2" X 22' polished rod. Seat pump & RU pumping unit (off hole). W/ tbg full, pressure test tbg & pump to 200 psi. Stroke pump up W/ rig to 800 psi. Good pump action. RDMOSU. Es 1534 BWTR.

****Pumping unit needs slid over hole****

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered:	<u>1574</u>	Starting oil rec to date:	<u>60</u>
Fluid lost/recovered today:	<u>40</u>	Oil lost/recovered today:	<u>20</u>
Ending fluid to be recovered:	<u>1534</u>	Cum oil recovered:	<u>80</u>
IFL:	FFL:	FTP:	Choke:
			Final Fluid Rate:
			Final oil cut:

TUBING DETAIL

ROD DETAIL

COSTS

			Western #2 rig	\$4,880
KB	12.00'	1 1/2" X 22' polished rod	Weatherford BOP	\$250
185	2 7/8 J-55 tbg (5579.62')	1-4' X 3/4" pony rod	Action HO trk	\$1,700
	TA (2.80' @ 5591.62' KB)	100-3/4" scraped rods	CDI rod pump	\$1,800
1	2 7/8 J-55 tbg (29.35')	98-3/4" plain rods	"A" grade rod string	\$13,801
	SN (1.10' @ 5623.77' KB)	20-3/4" scraped rods	NPC frac tks(6X5 dys)	\$1,200
2	2 7/8 J-55 tbg (61.14')	6-1 1/2" weight rods	NPC swb tk (4 days)	\$160
	2 7/8 NC (.45')	CDI 2 1/2" X 1 1/2" X 15'	NPC frac head	\$500
EOT	5686.46' W/ 12' KB	RHAC pump W/ SM plunger	Marta-Co ratigan/fittings	\$500
			NPC supervision	\$300

DAILY COST: \$25,091

TOTAL WELL COST: \$614,413

Completion Supervisor: Gary Dietz



DAILY COMPLETION REPORT

WELL NAME: Jonah 5-15-9-16Report Date: 7-3-07Day: 7Operation: CompletionRig: Western #2

WELL STATUS

Surf Csg: 8-5/8' @ 311' Prod Csg: 5-1/2" @ 6033' Csg PBTD: 5988'
 Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Anchor @: 5592' BP/Sand PBTD: 5988'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	4174-4181'	4/28			
GB6 sds	4218-4224'	4/24			
D1 sds	4665-4674'	4/36			
C sds	4819-4825'	4/24			
CP1 sds	5539-5560'	4/84			
CP2 sds	5616-5625'	4/36			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 7-1-07

SITP: _____ SICP: _____

RU B&G crane, slide unit, hang off rods. PWOP @ 11:00 am w/ 86" SL & 5 1/2 SPM. Final report.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: _____ Starting oil rec to date: _____
 Fluid lost/recovered today: _____ Oil lost/recovered today: _____
 Ending fluid to be recovered: _____ Cum oil recovered: _____
 IFL: _____ FFL: _____ FTP: _____ Choke: _____ Final Fluid Rate: _____ Final oil cut: _____

TUBING DETAIL

ROD DETAIL

COSTS

KB 12.00'	1 1/2" X 22' polished rod		
185 2 7/8 J-55 tbg (5579.62')	1-4' X 3/4" pony rod		
TA (2.80' @ 5591.62' KB)	100-3/4" scraped rods		
1 2 7/8 J-55 tbg (29.35')	98-3/4" plain rods		
SN (1.10' @ 5623.77' KB)	20-3/4" scraped rods		
2 2 7/8 J-55 tbg (61.14')	6-1 1/2" weight rods		
2 7/8 NC (.45')	CDI 2 1/2' X 1 1/2" X 15'		
EOT 5686.46' W/ 12' KB	RHAC pump W/ SM plunger		
		NPC supervision	\$300

DAILY COST: \$300Completion Supervisor: Gary DietzTOTAL WELL COST: \$614,713

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4124'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 181' balance plug using 21 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Plug #4 Pump 43 sx Class "G" cement down 5 ½" casing to 362'

The approximate cost to plug and abandon this well is \$42,000.

Federal 5-15-9-16

Spud Date: 5-25-07
Put on Production: 7-1-07
GL: 5808' KB: 5820'

Proposed P & A Wellbore Diagram

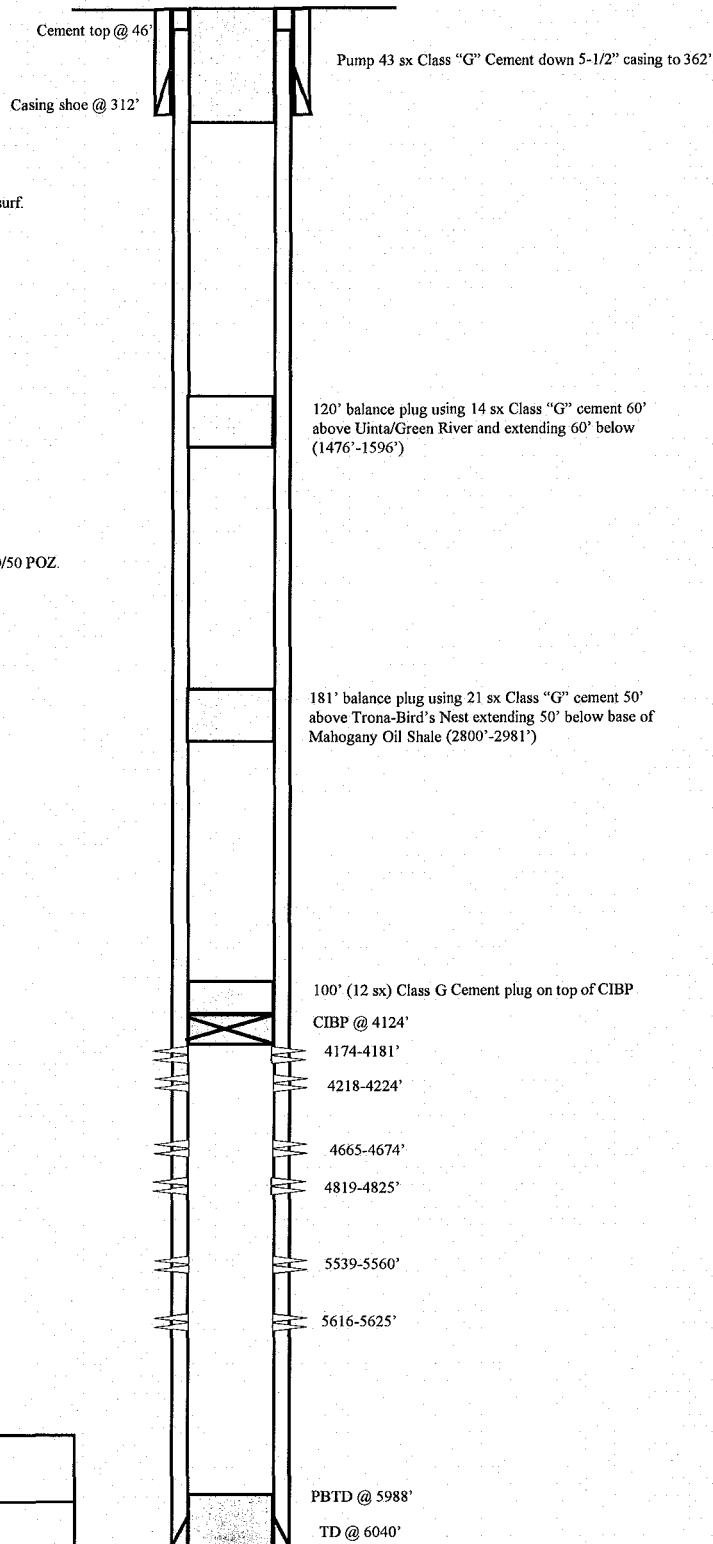
Initial Production: BOPD,
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (299.7')
DEPTH LANDED: 311.55' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 7 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137jts. (6020.14')
DEPTH LANDED: 6033.39' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT: 46'



NEWFIELD

Federal 5-15-9-16

1791' FNL & 578' FWL

SW/NE Section 15-T9S-R16E

Duchesne Co, Utah

API #43-013-33138; Lease #UTU-017985

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUBMIT IN TRIPLICATE - Other Instructions on page 2

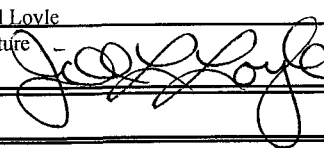
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU-017985
2. Name of Operator NEWFIELD PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name.
3a. Address Route 3 Box 3630 Myton, UT 84052	3b. Phone (include area code) 435.646.3721	7. If Unit or CA/Agreement, Name and/or GMBU
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SWNW Section 15 T9S R16E		8. Well Name and No. FEDERAL 5-15-9-16
		9. API Well No. 4301333138
		10. Field and Pool, or Exploratory Area GREATER MB UNIT
		11. County or Parish, State DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield Production proposes to convert the above mentioned well from producing oil well to an injection well.

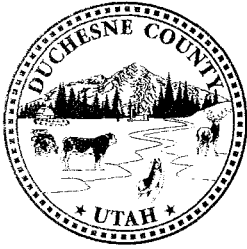
I hereby certify that the foregoing is true and correct (Printed/ Typed) Jill Loyle	Title Regulatory Technician
Signature 	Date 05/11/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office _____	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)



*Duchesne County Planning, Zoning
& Community Development
734 North Center Street
P.O. Box 317
Duchesne, Utah 84021
(435) 738-1152
Fax (435) 738-5522*

June 8, 2012

Mr. Brad Hill, Permitting Manager
Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

RE: Newfield Production Company Injection Wells (Cause No UIC-394)

Dear Mr. Hill:

We are in receipt of your notice regarding Newfield Production Company's request to convert 6 wells, located in Sections 9, 15, 19, 21 and 22, Township 9 South, Range 16 East, Duchesne County, to Class II injection wells.

Duchesne County is supportive of this request and recommends approval under conditions that your agency deems appropriate.

Thank you for the opportunity to comment.

Sincerely,

A handwritten signature in cursive script that reads "Mike Hyde".

Mike Hyde, AICP
Community Development Administrator

pc: Newfield Production Company, Rt. 3, Box 3630, Myton, UT 84052

P:\Mike\DOGM Correspondence\Newfield Injection Wells25.doc

RECEIVED

JUN 11 2012

DIV. OF OIL, GAS & MINING

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-394

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 9, 15, 19, 21, AND 22, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

Federal 13-9-9-16 well located in SW/4 SW/4, Section 9, Township 9 South, Range 16 East API 43-013-33052
Federal 5-15-9-16 well located in SW/4 NW/4, Section 15, Township 9 South, Range 16 East API 43-013-33138
Federal 7-19-9-16 well located in SW/4 NE/4, Section 19, Township 9 South, Range 16 East API 43-013-33158
Federal 7-21-9-16 well located in SW/4 NE/4, Section 21, Township 9 South, Range 16 East API 43-013-33022
Federal 13-21-9-16 well located in SW/4 SW/4, Section 21, Township 9 South, Range 16 East API 43-013-33142
Federal 3-22-9-16 well located in NE/4 NW/4, Section 22, Township 9 South, Range 16 East API 43-013-33024

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 5th day of June, 2012.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



Brad Hill
Permitting Manager

Newfield Production Company

**FEDERAL 13-9-9-16, FEDERAL 5-15-9-16, FEDERAL 7-19-9-16,
FEDERAL 7-21-9-16, FEDERAL 13-21-9-16, FEDERAL 3-22-9-16**

Cause No. UIC-394

Publication Notices were sent to the following:

Newfield Production Company
1001 17th Street, Suite 2000
Denver, CO 80202

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066
via e-mail legals@ubstandard.com

Salt Lake Tribune
P O Box 45838
Salt Lake City, UT 84145
via e-mail naclegal@mediaoneutah.com

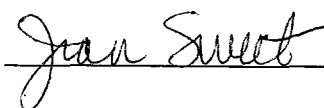
Vernal Office
Bureau of Land Management
170 South 500 East
Vernal, UT 84078

SITLA
675 E 500 S Ste 500
Salt Lake City, UT 84102-2818

Duchesne County Planning
P O Box 317
Duchesne, UT 84021-0317

Bruce Suchomel
US EPA Region 8
MS 8P-W-GW
1595 Wynkoop Street
Denver, CO 80202-1129

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052





GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

June 6, 2012

Via e-mail: legals@ubstandard.com

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-394

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

Jean Sweet - Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-394

From: Cindy Kleinfelter <classifieds@ubstandard.com>
To: Jean Sweet <jsweet@utah.gov>
Date: 6/7/2012 12:58 PM
Subject: Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-394

On 6/6/2012 3:02 PM, Jean Sweet wrote:

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:
Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet, Executive Secretary
Utah Div. of Oil, Gas & Mining
1594 West Temple, Suite 1210
Salt Lake City, UT
801-538-5329
jsweet@utah.gov

It will run June 12.
Thank you
Cindy



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

June 6, 2012

VIA E-MAIL naclegal@mediaoneutah.com

Salt Lake Tribune
P. O. Box 45838
Salt Lake City, UT 84145

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-394

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

From: "Fultz, Mark" <naclegal@mediaoneutah.com>
To: <jsweet@utah.gov>
Date: 6/7/2012 10:37 AM
Subject: Legal Notice
Attachments: OrderConf.pdf

AD# 799170
Run Trib/DNews - 6/11
Cost \$226.76
Thank you
Mark

Order Confirmation for Ad #0000799170-01

Client	DIV OF OIL-GAS & MINING	Payor Customer	DIV OF OIL-GAS & MINING
Client Phone	801-538-5340	Payor Phone	801-538-5340
Account#	9001402352	Payor Account	9001402352
Address	1594 W NORTH TEMP #1210, P.O. BOX 145801 SALT LAKE CITY, UT 84114 USA	Payor Address	1594 W NORTH TEMP #1210, P.O. BOX SALT LAKE CITY, UT 84114
Fax	801-359-3940	Ordered By	Acct. Exec
Email	earlenerussell@utah.gov	Jean	mfultz

Total Amount	\$226.76			
Payment Amt	\$0.00			
Amount Due	\$226.76	Tear Sheets	Proofs	Affidavits
		0	0	1
Payment Method		PO Number	UIC-394	
Confirmation Notes:				
Text:	Jean			

Ad Type	Ad Size	Color
Legal Liner	2.0 X 66 Li	<NONE>

Product	Placement	Position
Salt Lake Tribune::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	06/11/2012	
Product	Placement	Position
Deseret News::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	06/11/2012	
Product	Placement	Position
sltrib.com::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	06/11/2012	
Product	Placement	Position
utahlegals.com::	utahlegals.com	utahlegals.com
Scheduled Date(s):	06/11/2012	

Ad Content Proof Actual Size

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-394

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 9, 15, 19, 21, AND 22, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injector wells:

Greater Monument Butte Unit:

Federal 13-9-9-16 well located in SW/4 SW/4, Section 9, Township 9 South, Range 16 East API 43-013-33052
Federal 5-15-9-16 well located in SW/4 NW/4, Section 15, Township 9 South, Range 16 East API 43-013-33138
Federal 7-19-9-16 well located in SW/4 NE/4, Section 19, Township 9 South, Range 16 East API 43-013-33158
Federal 7-21-9-16 well located in SW/4 NE/4, Section 21, Township 9 South, Range 16 East API 43-013-33022
Federal 13-21-9-16 well located in SW/4 SW/4, Section 21, Township 9 South, Range 16 East API 43-013-33142
Federal 3-22-9-16 well located in NE/4 NW/4, Section 22, Township 9 South, Range 16 East API 43-013-33024

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injector pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 5th day of June, 2012.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/
Brad Hill
Permitting Manager
799170

UPAXLP



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

September 20, 2012

Newfield Production Company
1001 Seventeenth Street, Suite 2000
Denver, CO 80202

Subject: Greater Monument Butte Unit: Federal 5-15-9-16, Section 15, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-33138


Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing/tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
5. The top of the injection interval shall be limited to a depth no higher than **4,610** feet in the Federal 5-15-9-16 well.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

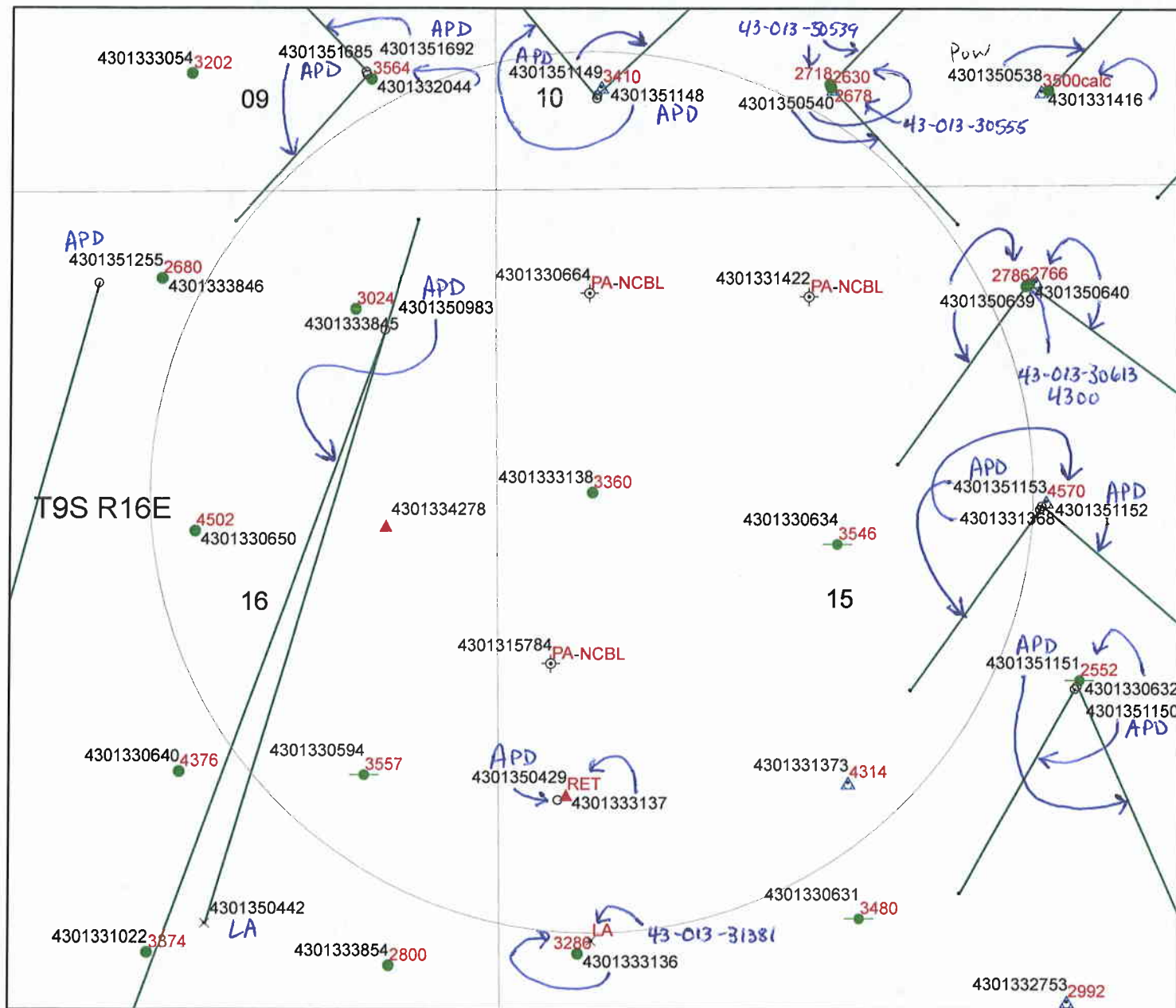

John Rogers
Associate Director

JR/MLR/ear

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
SITLA
Duchesne County
Newfield Production Company, Myton
Well File

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield\Greater Monument Butte Unit





Cement Bond Tops
FEDERAL 5-15-9-16
API #43-013-33138
UIC 394.2

Legend

Buffer_of_SGID93_ENERGY_DNROilGasWells_121
SGID93_ENERGY_DNROilGasWells

SGID93_ENERGY_DNROilGasWells

GIS_STAT_TYPE

○ APD

⊙ DRL

⊙ GIW

⊙ GSW

× LA

○ LOC

● OPS

⊙ PA

⊙ PGW

● POW

▲ RET

⊙ SGW

⊙ SOW

⊙ TA

○ TW

⊙ WDW

⊙ WW

● WSW

SGID93_BOUNDARIES_Counties

• SGID93_ENERGY_DNROilGasWells_HDBottom

— SGID93_ENERGY_DNROilGasWells_HDPath

• Wells-CbltopsMaster08_31_12

0 0.05 0.1 0.2 0.3 0.4 Miles

N



1870calc = approx cement top calculated from well completion report

**DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM
PERMIT
STATEMENT OF BASIS**

Applicant: Newfield Production Company **Well:** Federal 5-15-9-16

Location: 15/9S/16E **API:** 43-013-33138

Ownership Issues: The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM and the State of Utah. The Federal Government and the State of Utah are the mineral owners within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 312 feet and has a cement top at the surface. A 5½ inch production casing is set at 6,033 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 3,360 feet. A 2 7/8 inch tubing with a packer is proposed to be set at 4,124 feet. However, it will be necessary to lower the packer because the injection top will be permitted at a deeper depth than that which is requested. A mechanical integrity test will be run on the well prior to injection. On the basis of surface locations, there are 3 producing wells, 2 injection wells, 3 P/A wells, and 2 shut-in wells in the AOR. There is also 1 directional producing well with a surface location outside the AOR and a bottom hole location inside the AOR. In addition, there is an approved surface location inside the AOR, from which a horizontal well will be drilled to a bottom hole location outside the AOR. Finally, there are 2 approved surface locations outside the AOR from which directional wells will be drilled to bottom hole locations inside the AOR, and there is 1 approved surface location inside the AOR for a directional well with a bottom hole location outside the AOR. Most of the existing wells have evidence of adequate casing and cement for the proposed injection interval. However, the Monument Federal 23-15 (API # 43-013-31373) appears somewhat problematic, and the Castle Peak State 32-16 (API# 43-013-30650) is very problematic. The latter well's CBL (8/4/1982) demonstrates the TOC at approximately 4,502 feet. To protect this wellbore Newfield will not perforate the Federal 5-15-9-16 above a depth of 4,610 feet.

Ground Water Protection: As interpreted from the Utah Geological Survey's DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 2600 feet. The requested injection interval is between 3,956 feet and 5,988 feet in the Green River Formation. However, the top of acceptable cement bond is at about 4,502 feet in the Castle Peak State 32-16 well (API # 43-013-30650), located within the AOR, approximately 0.4 mile west of the Federal 5-15-9-16

Federal 5-15-9-16

page 2

well. This cement top correlates to a depth of approximately 4,510 feet in the Federal 5-15-9-16 well. For this reason, it is recommended that the top of the injection interval be permitted no higher than a depth of 4,610 feet in the Federal 5-15-9-16 well. Information submitted by Newfield indicates that the fracture gradient for the 5-15-9-16 well is 0.74 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,627 psig. The requested maximum pressure is 1,627 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold

Date: 9/19/2012



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

September 20, 2012

Newfield Production Company
1001 Seventeenth Street, Suite 2000
Denver, CO 80202

Subject: Greater Monument Butte Unit: Federal 5-15-9-16, Section 15, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-33138

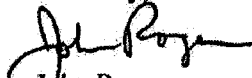
Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing\tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
5. The top of the injection interval shall be limited to a depth no higher than 4,610 feet in the Federal 5-15-9-16 well.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,


John Rogers
Associate Director

JR/MLR/ear

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
SITLA
Duchesne County
Newfield Production Company, Myton
Well File

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield\Greater Monument Butte Unit



Federal 5-15-9-16

Spud Date: 5-25-07
Put on Production: 7-1-07

GL: 5808' KB: 5820'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jnts (299.7')
DEPTH LANDED: 311.55' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 7 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137jts. (6020.14')
DEPTH LANDED: 6033.39' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT: 46'

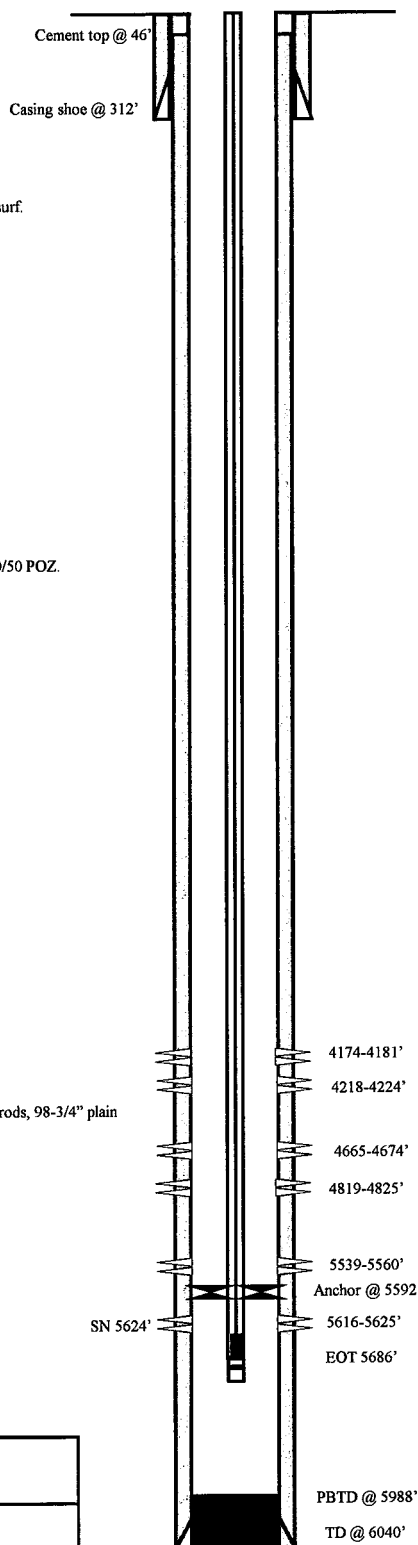
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 185 jts (5579.62')
TUBING ANCHOR: 5591.62' KB
NO. OF JOINTS: 1 jts (29.35')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5623.77' KB
NO. OF JOINTS: 2 jts (61.14')
TOTAL STRING LENGTH: EOT @ 5686.46' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 1-4"x3/4" Pony rod, 100-3*4" Scraper rods, 98-3/4" plain rods, 20-3/4" scraper rods, 6-11/2" weight rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 15' RHAC
STROKE LENGTH: 86"
PUMP SPEED, 51/2 SPM

Wellbore Diagram



Initial Production: BOPD,
MCFD, BWPD

FRAC JOB

6-25-07	5450-5542'	Frac CP2 sands as follows: 24334# 20/40 sand in 348 bbls Lightning 17 frac fluid. Treated @ avg press of 1701 psi w/avg rate of 24.7 BPM. ISIP 1662 psi. Calc flush: 5448 gal. Actual flush: 5166 gal.
6-25-07	5539-5560'	Frac CP1 sands as follows: 100170# 20/40 sand in 740 bbls Lightning 17 frac fluid. Treated @ avg press of 1719 psi w/avg rate of 24.7 BPM. ISIP 2090 psi. Calc flush: 5537 gal. Actual flush: 5040 gal.
6-25-07	4819-4825'	Frac C sands as follows: 19504# 20/40 sand in 271 bbls Lightning 17 frac fluid. Treated @ avg press of 1963 psi w/avg rate of 24.7 BPM. ISIP 1792 psi. Calc flush: 4817 gal. Actual flush: 4368 gal.
6-25-07	4665-4674'	Frac D1 sands as follows: 45093# 20/40 sand in 407 bbls Lightning 17 frac fluid. 24.7 BPM. ISIP 2060 psi. Calc flush: 4663 gal. Actual flush: 4200gal.
6-25-07	4218-4224'	Frac GB6 sands as follows: 39989# 20/40 sand in 383 bbls Lightning 17 frac fluid. 24.7 BPM. ISIP 2212 psi. Calc flush: 4216 gal. Actual flush: 4158gal.
	4174-4181'	FracGB4 sands as follows: No information for this frac on the drilling report.

PERFORATION RECORD

6-20-07	5616-5625'	4 JSPF	36 holes
6-25-07	5539-5560'	4 JSPF	84 holes
6-25-07	4819-4825'	4 JSPF	24 holes
6-25-07	4665-4674'	4 JSPF	36 holes
6-25-07	4218-4224'	4 JSPF	24 holes
	4174-4181'	4 JSPF	28holes

NEWFIELD

Federal 5-15-9-16

1791' FNL & 578' FWL

SW/NW Section 15-T9S-R16E

Duchesne Co, Utah

API #43-013-33138; Lease #UTU-79834

Federal 5-15-9-16

Spud Date: 5-25-07
Put on Production: 7-1-07
GL: 5808' KB: 5820'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (299.7')
DEPTH LANDED: 311.55' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 7 bbls cmt to surf.

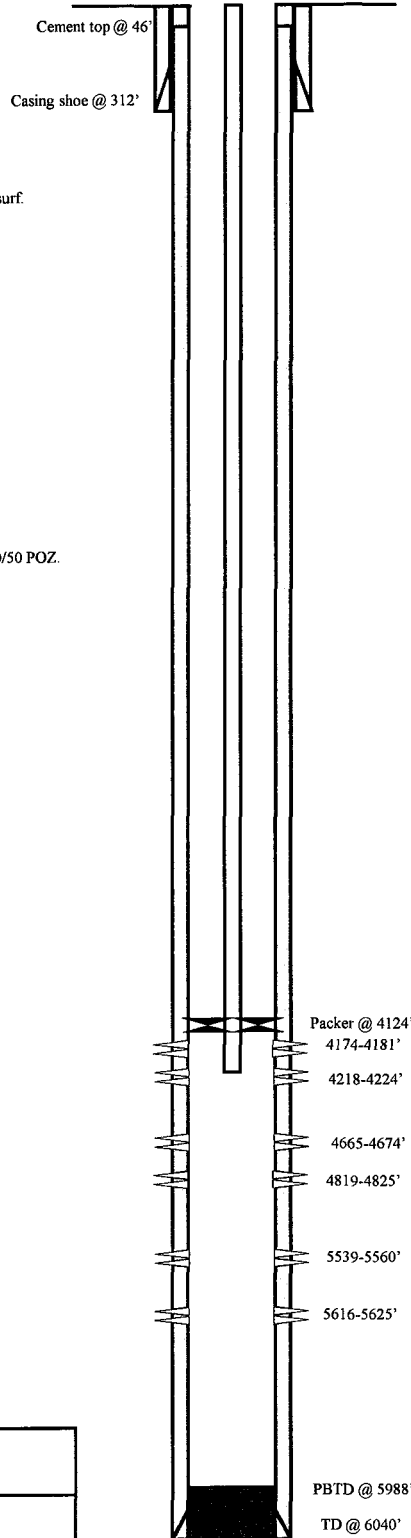
PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137jts. (6020.14')
DEPTH LANDED: 6033.39' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT: 46'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 185 jts (5579.62')
TUBING ANCHOR: 5591.62' KB
NO. OF JOINTS: 1 jts (29.35')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5623.77' KB
NO. OF JOINTS: 2 jts (61.14')
TOTAL STRING LENGTH: EOT @ 5686.46' KB

Proposed Injection Wellbore Diagram



Initial Production: BOPD,
MCFD, BWPD

FRAC JOB

6-25-07	5450-5542'	Frac CP2 sands as follows: 24334# 20/40 sand in 348 bbls Lightning 17 frac fluid. Treated @ avg press of 1701 psi w/avg rate of 24.7 BPM. ISIP 1662 psi. Calc flush: 5448 gal. Actual flush: 5166 gal.
6-25-07	5539-5560'	Frac CP1 sands as follows: 100170# 20/40 sand in 740 bbls Lightning 17 frac fluid. Treated @ avg press of 1719 psi w/avg rate of 24.7 BPM. ISIP 2090 psi. Calc flush: 5537 gal. Actual flush: 5040 gal.
6-25-07	4819-4825'	Frac C sands as follows: 19504# 20/40 sand in 271 bbls Lightning 17 frac fluid. Treated @ avg press of 1963 psi w/avg rate of 24.7 BPM. ISIP 1792 psi. Calc flush: 4817 gal. Actual flush: 4368 gal.
6-25-07	4665-4674'	Frac D1 sands as follows: 45093# 20/40 sand in 407 bbls Lightning 17 frac fluid. 24.7 BPM. ISIP 2060 psi. Calc flush: 4663 gal. Actual flush: 4200gal.
6-25-07	4218-4224'	Frac GB6 sands as follows: 39989# 20/40 sand in 383 bbls Lightning 17 frac fluid. 24.7 BPM. ISIP 2212 psi. Calc flush: 4216 gal. Actual flush: 4158gal.
	4174-4181'	FracGB4 sands as follows: No information for this frac on the drilling report.

PERFORATION RECORD

6-20-07	5616-5625'	4 JSPF	36 holes
6-25-07	5539-5560'	4 JSPF	84 holes
6-25-07	4819-4825'	4 JSPF	24 holes
6-25-07	4665-4674'	4 JSPF	36 holes
6-25-07	4218-4224'	4 JSPF	24 holes
	4174-4181'	4 JSPF	28holes

NEWFIELD

Federal 5-15-9-16

1791' FNL & 578' FWL

SW/NW Section 15-T9S-R16E

Duchesne Co, Utah

API #43-013-33138; Lease #UTU-79834

Federal 5-15-9-16

Spud Date: 5-25-07
Put on Production: 7-1-07
GL: 5808' KB: 5820'

Initial Production: BOPD,
MCFD, BWPD

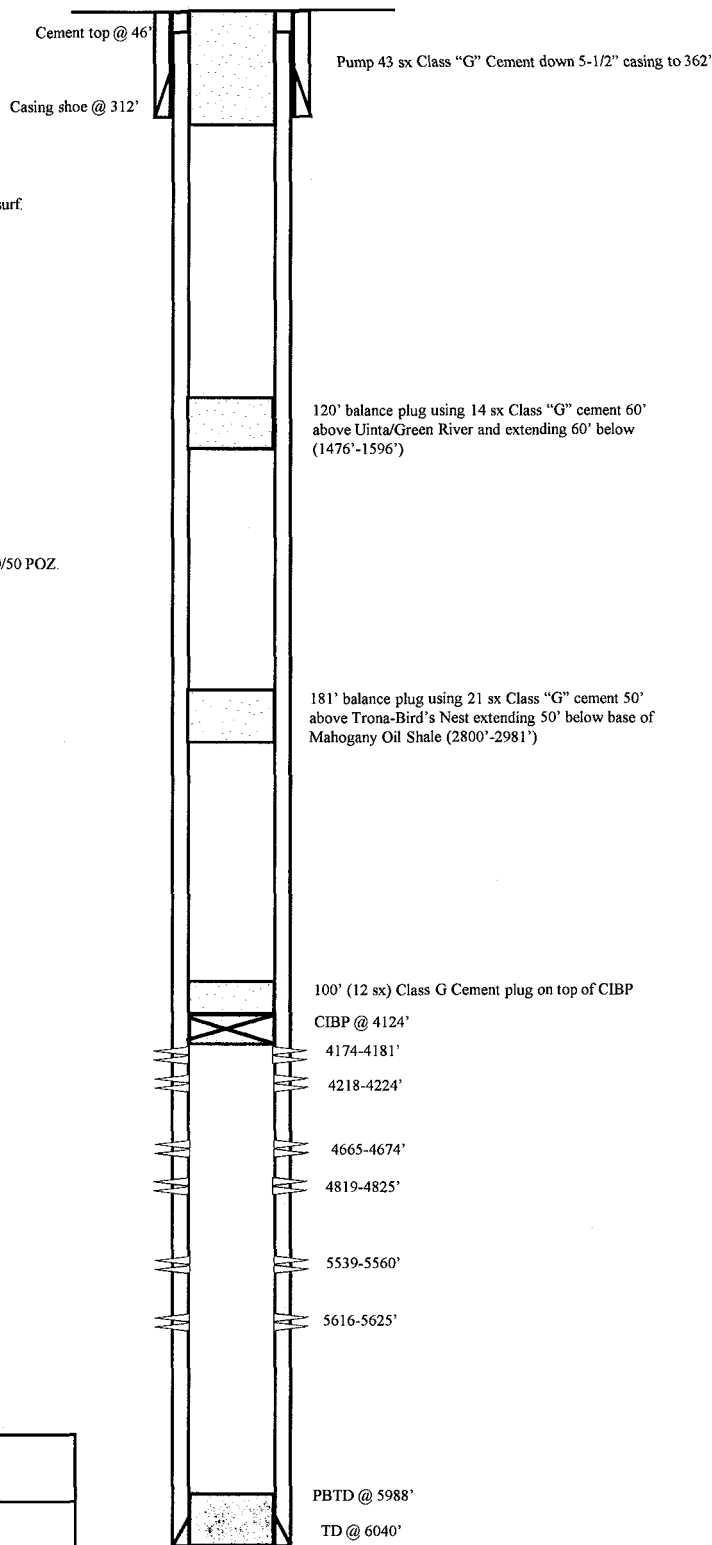
Proposed P & A Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jnts (299.7')
DEPTH LANDED: 311.55' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 7 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137jts. (6020.14')
DEPTH LANDED: 6033.39' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT: 46'



NEWFIELD

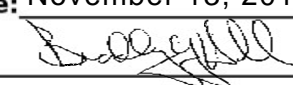
Federal 5-15-9-16

1791' FNL & 578' FWL

SW/NW Section 15-T9S-R16E

Duchesne Co, Utah

API #43-013-33138; Lease #UTU-79834

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-79834
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: FEDERAL 5-15-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1791 FNL 0578 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 15 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013331380000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/1/2012 <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> APD EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
OTHER: <input type="text" value="New Perforation"/>		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The subject well has been converted from a producing oil well to an injection well on 10/31/2012. One interval was perforated, CP5 sands - 5911-5918' 3 JSPF. On 10/31/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 11/01/2012 the casing was pressured up to 1600 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an State representative available to witness the test.		
Accepted by the Utah Division of Oil, Gas and Mining Date: November 13, 2012 By: 		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 11/6/2012	

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: _____ Date 11/1/12 Time 10:30 am pmTest Conducted by: R. M. Bish

Others Present: _____

Well: Federal 5-15-9-16Field: Monument ButteWell Location: Federal 5-15-9-16API No: 4301333138

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1600</u>	psig
5	<u>1600</u>	psig
10	<u>1600</u>	psig
15	<u>1600</u>	psig
20	<u>1600</u>	psig
25	<u>1600</u>	psig
30 min	<u>1600</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 0 psig

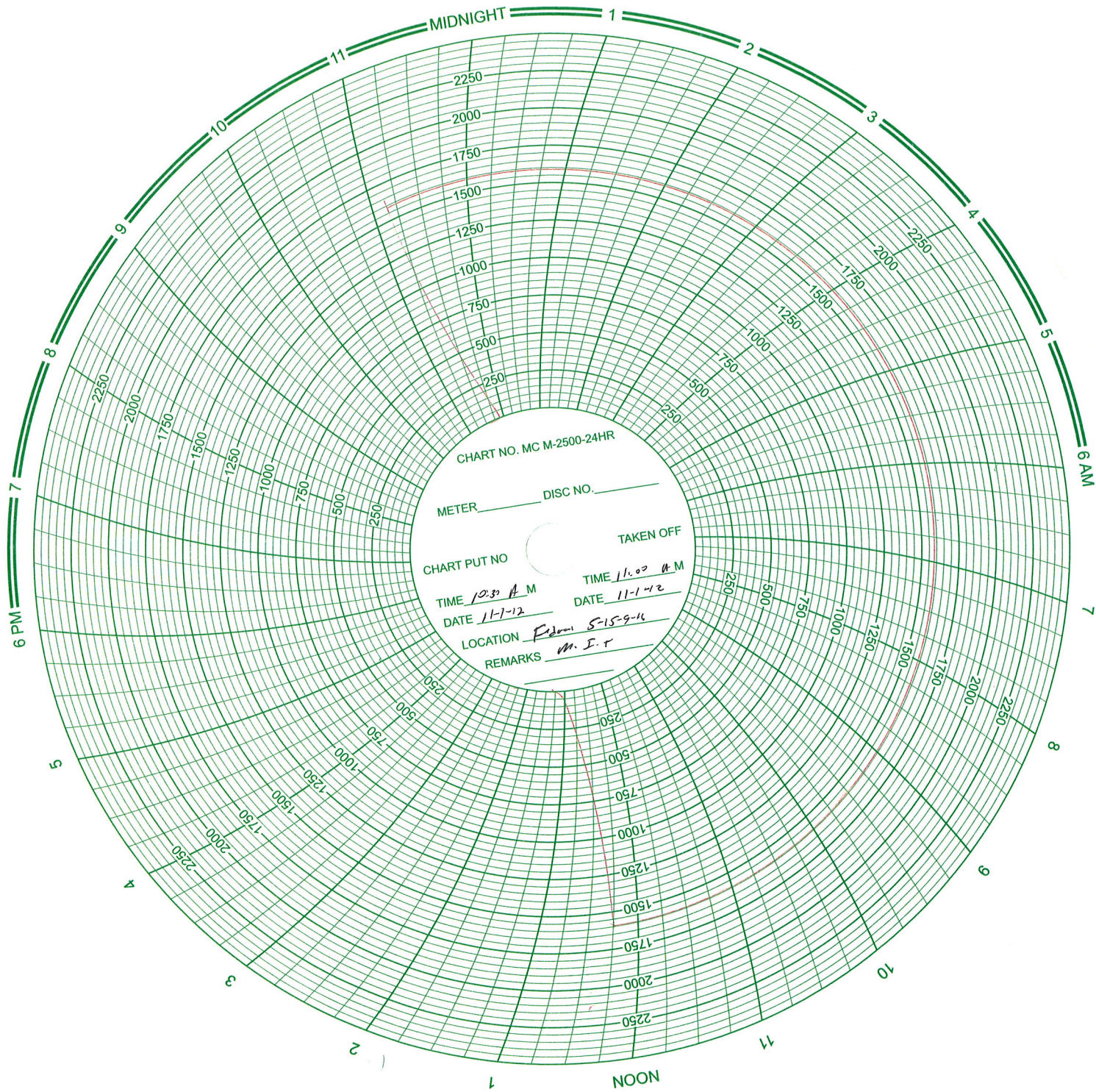
Result:

Pass

Fail

Signature of Witness: _____

Signature of Person Conducting Test: R. M. Bish



Daily Activity Report

Format For Sundry

FEDERAL 5-15-9-16

8/1/2012 To 12/30/2012

10/23/2012 Day: 1

Conversion

Nabors #1450 on 10/23/2012 - MIRUSU. Unseat pump. Test tbg. Flush rods. LD rods. Pumped 200 bbls total. - Work rods to unseat pump. Won't unseat. Test tbg to 4000 psi. Pump 80 bbls water down casing. - Held safety meeting & discussed JSA's & location hazards. Shut unit down. MIRUSU. Pump 60 bbls hot water down casing. - Unseat pump. Flush rods w/ 30 bbls water. TOOH w/ rods laying down on trailer, 1-1/2" x 22' polish rod, 100- 3/4" guided, 98- 3/4" slick, 20- 3/4" guided, 6- 1-1/2" K-Bars. Flush w/ 30 bbls half way out. Pumped 200 bbls & well not circulating.

Daily Cost: \$0

Cumulative Cost: \$10,000

10/24/2012 Day: 2

Conversion

Nabors #1450 on 10/24/2012 - RU BOP's. PU tbg & Tag fill. TOOH w/ tbg breaking & doping. - Held safety meeting & discussed JSA's & location hazards. Open well w/ 80 psi on casing. Flush tbg w/ 40 bbls hot water. TA is not set. RU BOP's. PU & TIH w/ 7 jts tbg to tag fill @ 5963' (25' of fill). TOOH w/ tbg. LD 7 jts. - TOOH breaking, inspecting & dopping every collar w/ liquid "o-ring" dope. Stood back 148 jts. LD 40 jts tbg. Flush tbg w/ 30 bbls half way out. SIFN.

Daily Cost: \$0

Cumulative Cost: \$18,915

10/25/2012 Day: 3

Conversion

Nabors #1450 on 10/25/2012 - Perferate zone. PU TIH w/ pkr & tbg. - RU WLT & lubricator. RIH w/ 4-3/4" Gauge ring. Tag fill @ 5936'. WL crew closed blind rams on trash basket. RIH w/ 3-1/8" disposable guns, 3 spf for total of 21 shots. Perferate CP5 sds @ 5911-18'. RD WLT. - PU "HD" pkr. Tally, drift & pickup N-80 tbg off trailer. 1 jt, SN, 184 jts to leave pkr hang @ 5873'. SIFN.

Daily Cost: \$0

Cumulative Cost: \$29,653

10/26/2012 Day: 4

Conversion

Nabors #1450 on 10/26/2012 - RU Baker Hughes. Fill well. Frac well. Flow well back. C/O sand. LD work string. Well took 520 bbl fluid today. - Held safety meeting & discussed job & location hazards. RU frac valve. Set Pkr @ 5871'. Fill casing w/122 bbls fluid. Held 30 psi during frac (had to leave pump idling all time to keep 30 psi on casing). MIRU Baker Hughes frac crew. - Test lines to 8400 psi. Open well w/ 55 psi on casing. Perfs broke @ 4569 psi back to 4109 psi w/ 1.5 bbls @ 3 bpm. Pump 500 gal of 15% HCL acid @ 6321 psi @ 9 bpm. Lost 1600 psi when acid hit perfs. Frac @ ave pressure of 5901 psi @ 15 bpm. Frac w/ 19,321#'s of 20/40 sds in 306 bbls of Lightning 17 frac fluid. ISIP was 5200. Screened out frac w/ 10 bbls left in flush (1027# sand in casing). Max pressure was 7037 @ 15 bpm. RD Baker Hughes. - Took 30 bbls to load hole again. Open equalizer & released pkr. Circulate tbg clean. TIH w/ tbg to C/O 52' of sand. Took 65 bbls water in C/O. EOT @ 5963'. - Flow well back on 20/64 choke then 30/64 choke for a total of 5 bbls rec'd w/ 1000#'s of sand. - TOOH w/ tbg

LD work string on trailer. LD "HD" pkr. SIFN.

Daily Cost: \$0

Cumulative Cost: \$96,704

10/29/2012 Day: 5

Conversion

Nabors #1450 on 10/29/2012 - RU Perforators. Set Arrow Pac pkr. PU tools. TIH w/ tbg. Didn't find pkr. TOO H w/ stinger. TIH w/ retrieving tool. Found pkr @ PBTD. TOO H w/ tbg. - Held safety meeting & discussed JSA's & location hazards. Open well w/ 25 psi on csg. RU WLT. RIH w/ Arrow Pac pkr & set @ 4615' w/ slow burn charge. - RU stinger for pkr, 2-3/8" SN, XO sub to 2-7/8", 16 jts tbg, Arrow Set 1 pkr, On/Off tool w/ X nipple, 136 jts tbg. TIH torque every collar. - Pkr not @ 4615'. PU 4 jts tbg & TIH. Still no pkr. - RU Retrieving head. TIH tbg. Found pkr @ PBTD 5963'. "J" on pkr. Drag 4000#'s over. - Tally 2-7/8" tbg & PU off trailer 46 jts. Standback in derrick. Wait on Retrieving head. - TOO H w/ 60 jts tbg. SIFN.

Daily Cost: \$0

Cumulative Cost: \$106,652

10/30/2012 Day: 6

Conversion

Nabors #1450 on 10/30/2012 - TOO H w/ AP pkr. RU WLT. RIH & set new AP pkr @ 4615'. LD extra tbg. TIH w/ AS 1 pkr & stinger. Test tbg. Fish Std valve. - TIH w/ extra tbg. TOO H LD 46 jts on trailer out of derrick. RU stinger for pkr, 2-3/8" SN, XO sub to 2-7/8", 16 jts tbg, Arrow Set 1 pkr, On/Off tool w/ X nipple, 136 jts tbg. - RU Perforators. RIH w/ new Arrow Pac pkr. Set @ 4615' w/ slow burn charge. - Space out tools w/ 8', 4' x 2-7/8" pup joints. Pump 10 bbls water. Drop 2-3/8" std valve. Pump to btm. Test tbg to 3000 psi for 30 minutes in three tests to get good test. - RU sand line & fish std valve. SIFN. - Held safety meeting & discussed JSA's. Open well w/ 25 psi on casing. Continue TOO H w/ tbg. LD Arrow Pac pkr & retrieving head. Found tool sheared due to set screws wrong.

Daily Cost: \$0

Cumulative Cost: \$116,790

10/31/2012 Day: 7

Conversion

Nabors #1450 on 10/31/2012 - RD BOP's. pump pkr fluid. Test casing. RDMOSU. - Pump 60 bbls of pkr fluid. Set pkr @ 4140' w/ CE @ 4143' w/ 15,000#'s tension & EOT @ 4632'. Test casing to 1400 psi w/ 15 bbls of pkr fluid. Took two tests. Good 30 min test. - Held safety meeting & discussed JSA's & location hazards. RD BOP's. - RDMOSU.

Daily Cost: \$0

Cumulative Cost: \$151,141

11/2/2012 Day: 8


Conversion

Rigless on 11/2/2012 - Conduct initial MIT - On 10/31/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 11/01/2012 the casing was pressured up to 1600 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$224,475

Pertinent Files: [Go to File List](#)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-79834
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: FEDERAL 5-15-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1791 FNL 0578 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 15 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013331380000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/4/2012	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: <input type="text" value="Put on Injection"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The above reference well was put on injection at 1:30 PM on 12/04/2012.		
Accepted by the Utah Division of Oil, Gas and Mining Date: December 12, 2012 By: 		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 12/5/2012	

Federal 5-15-9-16

Spud Date: 5-25-07

Put on Production: 7-1-07

GL: 5808' KB: 5820'

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts (299.7')

DEPTH LANDED: 311.55' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, est 7 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 137jts. (6020.14')

DEPTH LANDED: 6033.39' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

CEMENT TOP AT: 46'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

TBG 1 jt (31.7')

TBG PUP 2 jts 2-7/8 J-55 AT: 43.7'

NO. OF JOINTS: 135 jts (4082.4')

ON/OFF TOOL AT: 4138.6'

ARROW #1 PACKER CE AT: 4143.41'

NO. OF JOINTS: 16 jts (481.4')

XO 2-3/8 x 2-7/8 J-55 AT: 4628.9'

SEATING NIPPLE: 2-3/8" (1.10')

SN LANDED AT: 4629.4' KB

XO 2-3/8 x 2-7/8 J-55 AT: 4630.5'

SEAL ASSEM AT: 4631'

TOTAL STRING LENGTH: EOT @ 4633'

FRAC JOB

6-25-07 5450-5542'

Frac CP2 sands as follows:

24334# 20/40 sand in 348 bbls Lightning 17 frac fluid. Treated @ avg press of 1701 psi w/avg rate of 24.7 BPM. ISIP 1662 psi. Calc flush: 5448 gal. Actual flush: 5166 gal.

6-25-07 5539-5560'

Frac CP1 sands as follows:

100170# 20/40 sand in 740 bbls Lightning 17 frac fluid. Treated @ avg press of 1719 psi w/avg rate of 24.7 BPM. ISIP 2090 psi. Calc flush: 5537 gal. Actual flush: 5040 gal.

6-25-07 4819-4825'

Frac C sands as follows:

19504# 20/40 sand in 271 bbls Lightning 17 frac fluid. Treated @ avg press of 1963 psi w/avg rate of 24.7 BPM. ISIP 1792 psi. Calc flush: 4817 gal. Actual flush: 4368 gal.

6-25-07 4665-4674'

Frac D1 sands as follows:

45093# 20/40 sand in 407 bbls Lightning 17 frac fluid. 24.7 BPM. ISIP 2060 psi. Calc flush: 4663 gal. Actual flush: 4200gal.

6-25-07 4218-4224'

Frac GB6 sands as follows:

39989# 20/40 sand in 383 bbls Lightning 17 frac fluid. 24.7 BPM. ISIP 2212 psi. Calc flush: 4216 gal. Actual flush: 4158gal.

4174-4181'

FracGB4 sands as follows:

No information for this frac on the drilling report.

10/26/12 5911-5918'

Frac CP5 sands as follows: 19321# 20/40 sand in 226 bbls Lightning 17 frac fluid.

10/31/12

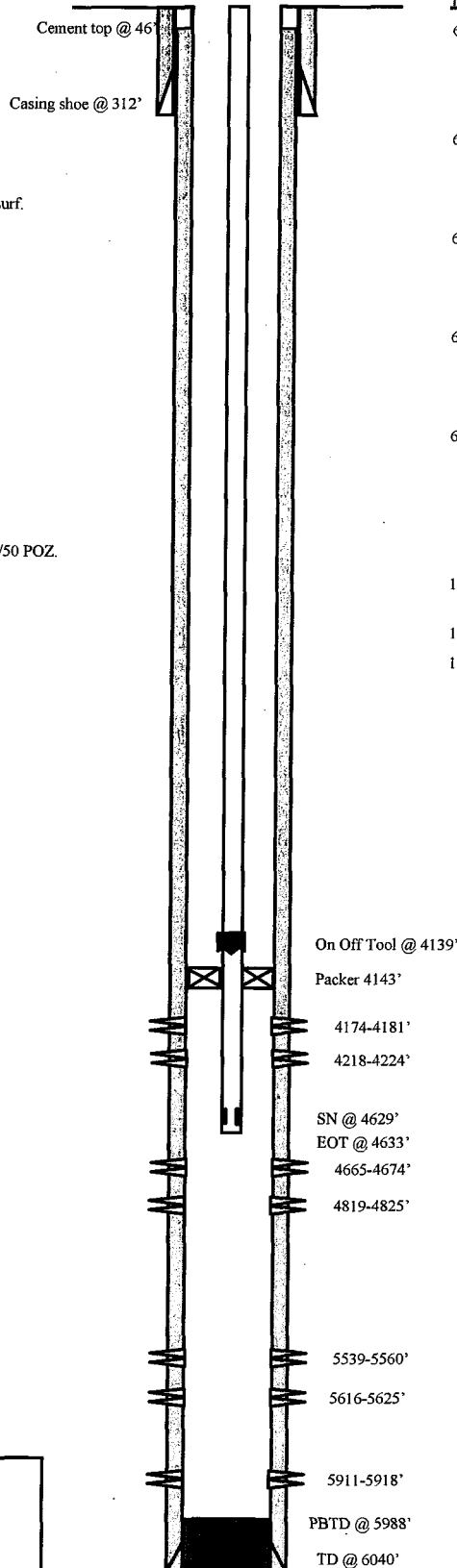
Conversion to Injection Well

11/01/12

Conversion MIT Finalized - update tbg detail

PERFORATION RECORD

6-20-07	5616-5625'	4 JSPF	36 holes
6-25-07	5539-5560'	4 JSPF	84 holes
6-25-07	4819-4825'	4 JSPF	24 holes
6-25-07	4665-4674'	4 JSPF	36 holes
6-25-07	4218-4224'	4 JSPF	24 holes
	4174-4181'	4 JSPF	28 holes
10-25-12	5911-5918'	3 JSPF	21 holes



NEWFIELD



Federal 5-15-9-16

1791' FNL & 578' FWL
SW/NW Section 15-T9S-R16E
Duchesne Co, Utah
API #43-013-33138; Lease #UTU-79834



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-394

Operator: Newfield Production Company
Well: Federal 5-15-9-16
Location: Section 15, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-33138
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on September 20, 2012.
2. Maximum Allowable Injection Pressure: 1,627 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,610' – 5,988')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:


John Rogers
Associate Director

11/28/2012
Date

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
SITLA
Eric Sundberg, Newfield Production Company, Denver
Newfield Production Company, Myton
Duchesne County
Well File

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield



4770 S. 5600 W.
P.O. BOX 704005
WEST VALLEY CITY, UTAH 84170
FED.TAX I.D.# 87-0217663

The Salt Lake Tribune

MEDIAONE

Deseret News

PROOF OF PUBLICATION

CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352	6/11/2012

JUN 14 2012

43 013 33138
Federal 5-15-9-16
9S 16E 15

ACCOUNT NAME	
DIV OF OIL-GAS & MINING,	
TELEPHONE	ADORDER# / INVOICE NUM
8015385340	0000799170 /
SCHEDULE	
Start 06/11/2012	End 06/11/2012
CUST. REF. NO.	
UIC-394	
CAPTION	
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES	
SIZE	
66 Lines	2.00 COLUMN
TIMES	RATE
4	
MISC. CHARGES	AD CHARGES
TOTAL COST	
226 76	

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-394

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 9, 15, 19, 21, AND 22, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

Federal 13-9-9-16 well located in SW/4 SW/4, Section 9, Township 9 South, Range 16 East API 43-013-33052
Federal 5-15-9-16 well located in SW/4 NW/4, Section 15, Township 9 South, Range 16 East API 43-013-33138
Federal 7-19-9-16 well located in SW/4 NE/4, Section 19, Township 9 South, Range 16 East API 43-013-33158
Federal 7-21-9-16 well located in SW/4 NE/4, Section 21, Township 9 South, Range 16 East API 43-013-33022
Federal 13-21-9-16 well located in SW/4 SW/4, Section 21, Township 9 South, Range 16 East API 43-013-33142
Federal 3-22-9-16 well located in NE/4 NW/4, Section 22, Township 9 South, Range 16 East API 43-013-33024

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 5th day of June, 2012.
STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/ Brad Hill
Permitting Manager
799170

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF **BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-394 IN THE MATTER OF THE APPLICATION FOR DIV OF OIL-GAS & MINING**, WAS PUBLISHED BY THE NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAH.LEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAH.LEGALS.COM INDEFINITELY.

PUBLISHED ON Start 06/11/2012 End 06/11/2012

SIGNATURE

6/11/2012

VIRGINIA CRAFT
Notary Public, State of Utah
Commission # 581489
My Commission Expires
January 12, 2014

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
PLEASE PAY FROM BILLING STATEMENT

Send Payments to:
 Uintah Basin Standard
 268 S 200 E
 Roosevelt, Utah 84066
 Phone: 435-722-5131
 Fax: 435-722-4140



Invoice Number	Invoice Date
31922	6/13/2012
Advertiser No.	Invoice Amount
2080	\$120.25
	Due Date
	7/13/2012

DIVISION OF OIL GAS & MINING
 Rose Nolton
 1594 W. N.TEMPLE STE 121
 PO BOX 145801
 SALT LAKE CITY, UT 84114-5801

RECEIVED
 JUN 19 2012
 DIV OF OIL GAS & MINING

1 1/2% fee will be charged to all
 past due balances.

Amount Enclosed

Please detach top portion and return with your payment

INVOICE

Uintah Basin Standard

DIVISION OF OIL GAS & MINING

Invoice No. 31922 6/13/2012

Date	Order	Description	Ad Size	SubTotal	Sales Tax	Amount
6/13/2012	15872	UBS UBS Legal Notice: Notice of Agency Action: Newfield Cause No. UIC-394 Pub. June 12, 2012				\$120.25
				Sub Total:		\$120.25
				Total Transactions: 1	Total:	\$120.25

SUMMARY Advertiser No. 2080 Invoice No. 31922

1 1/2% fee will be charged to all past due balances.

Thank You for your business!

Thank you for advertising with us, we appreciate your business!

AFFIDAVIT OF PUBLICATION

County of Duchesne,
STATE OF UTAH

I, Kevin Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 12 day of June, 20 12, and that the last publication of such notice was in the issue of such newspaper dated the 1 day of June, 20 12, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

Kevin Ashby

Publisher

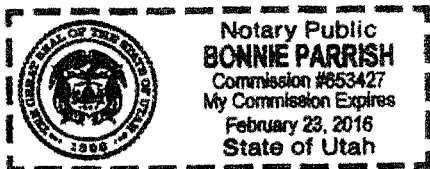
Subscribed and sworn to before me on this

18 day of June, 20 12

by Kevin Ashby.

Bonnie Parrish

Notary Public



NOTICE OF AGENCY ACTION CAUSE NO. UIC-394

BEFORE THE DIVISION OF OIL, GAS AND MINING, DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH.

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 9, 15, 19, 21, AND 22, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for con-

013-33024

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 5th day of June, 2012.

STATE OF UTAH
DIVISION OF OIL,
GAS & MINING
Brad Hill

Published in the
Uintah Basin Standard
June 12, 2012.

He is a
Union s
of 1993.
er things.
one-on-or
I got so
as a Major

Federal 5-15-9-16

Spud Date: 5-25-07

Put on Production: 7-1-07

GL: 5808' KB: 5820'

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jnts (299.7')

DEPTH LANDED: 311.55' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, est 7 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 137jts. (6020.14')

DEPTH LANDED: 6033.39' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

CEMENT TOP AT: 46'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

TBG 1 jt (31.7')

TBG PUP 2 jts 2-7/8 J-55 AT: 43.7'

NO. OF JOINTS: 135 jts (4082.4')

ON/OFF TOOL AT: 4138.6'

ARROW #1 PACKER CE AT: 4143.41'

NO. OF JOINTS: 16 jts (481.4')

XO 2-3/8 x 2-7/8 J-55 AT: 4628.9'

SEATING NIPPLE: 2-3/8" (1.10')

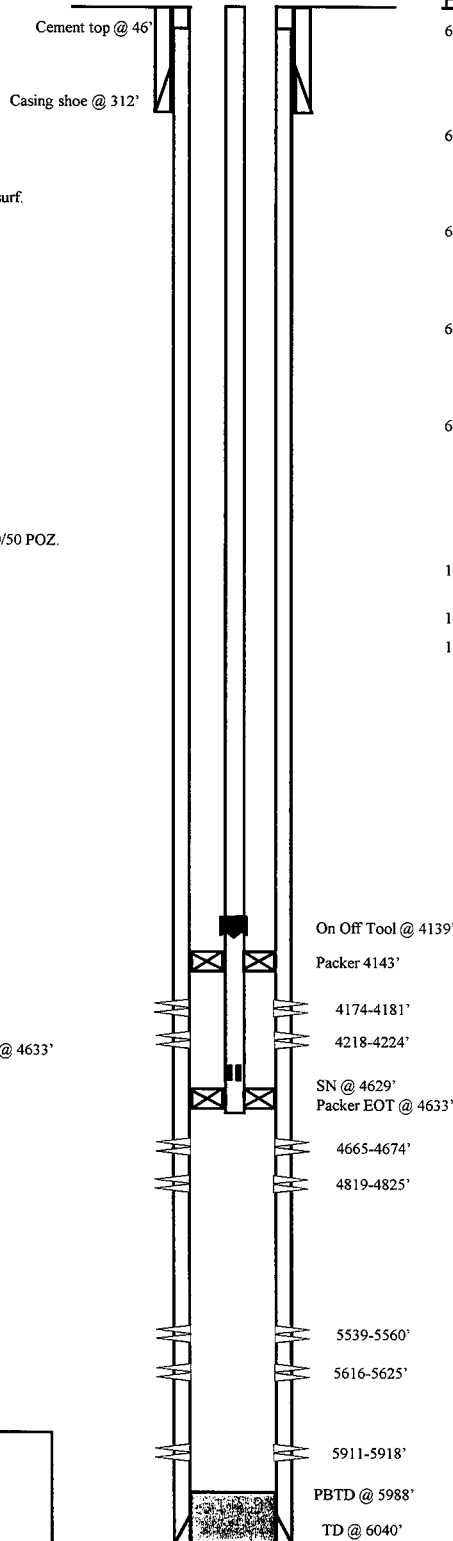
SN LANDED AT: 4629.4' KB

XO 2-3/8 x 2-7/8 J-55 AT: 4630.5'

SEAL ASSEM AT: 4631'

ARROW #1 PACKER / TOTAL STRING LENGTH: EOT @ 4633'

Injection Wellbore Diagram



FRAC JOB

6-25-07	5450-5542'	Frac CP2 sands as follows: 24334# 20/40 sand in 348 bbls Lightning 17 frac fluid. Treated @ avg press of 1701 psi w/avg rate of 24.7 BPM. ISIP 1662 psi. Calc flush: 5448 gal. Actual flush: 5166 gal.
6-25-07	5539-5560'	Frac CP1 sands as follows: 100170# 20/40 sand in 740 bbls Lightning 17 frac fluid. Treated @ avg press of 1719 psi w/avg rate of 24.7 BPM. ISIP 2090 psi. Calc flush: 5537 gal. Actual flush: 5040 gal.
6-25-07	4819-4825'	Frac C sands as follows: 19504# 20/40 sand in 271 bbls Lightning 17 frac fluid. Treated @ avg press of 1963 psi w/avg rate of 24.7 BPM. ISIP 1792 psi. Calc flush: 4817 gal. Actual flush: 4368 gal.
6-25-07	4665-4674'	Frac D1 sands as follows: 45093# 20/40 sand in 407 bbls Lightning 17 frac fluid. 24.7 BPM. ISIP 2060 psi. Calc flush: 4663 gal. Actual flush: 4200gal.
6-25-07	4218-4224'	Frac GB6 sands as follows: 39989# 20/40 sand in 383 bbls Lightning 17 frac fluid. 24.7 BPM. ISIP 2212 psi. Calc flush: 4216 gal. Actual flush: 4158gal.
	4174-4181'	FracGB4 sands as follows: No information for this frac on the drilling report.
10/26/12	5911-5918'	Frac CP5 sands as follows: 19321# 20/40 sand in 226 bbls Lightning 17 frac fluid.
10/31/12		Convert to Injection Well
11/01/12		Conversion MIT Finalized - update tbq detail

PERFORATION RECORD

6-20-07	5616-5625'	4 JSPF	36 holes
6-25-07	5539-5560'	4 JSPF	84 holes
6-25-07	4819-4825'	4 JSPF	24 holes
6-25-07	4665-4674'	4 JSPF	36 holes
6-25-07	4218-4224'	4 JSPF	24 holes
	4174-4181'	4 JSPF	28 holes
10-25-12	5911-5918'	3 JSPF	21 holes

NEWFIELD



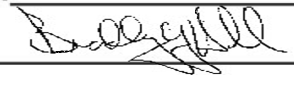
Federal 5-15-9-16

1791' FNL & 578' FWL

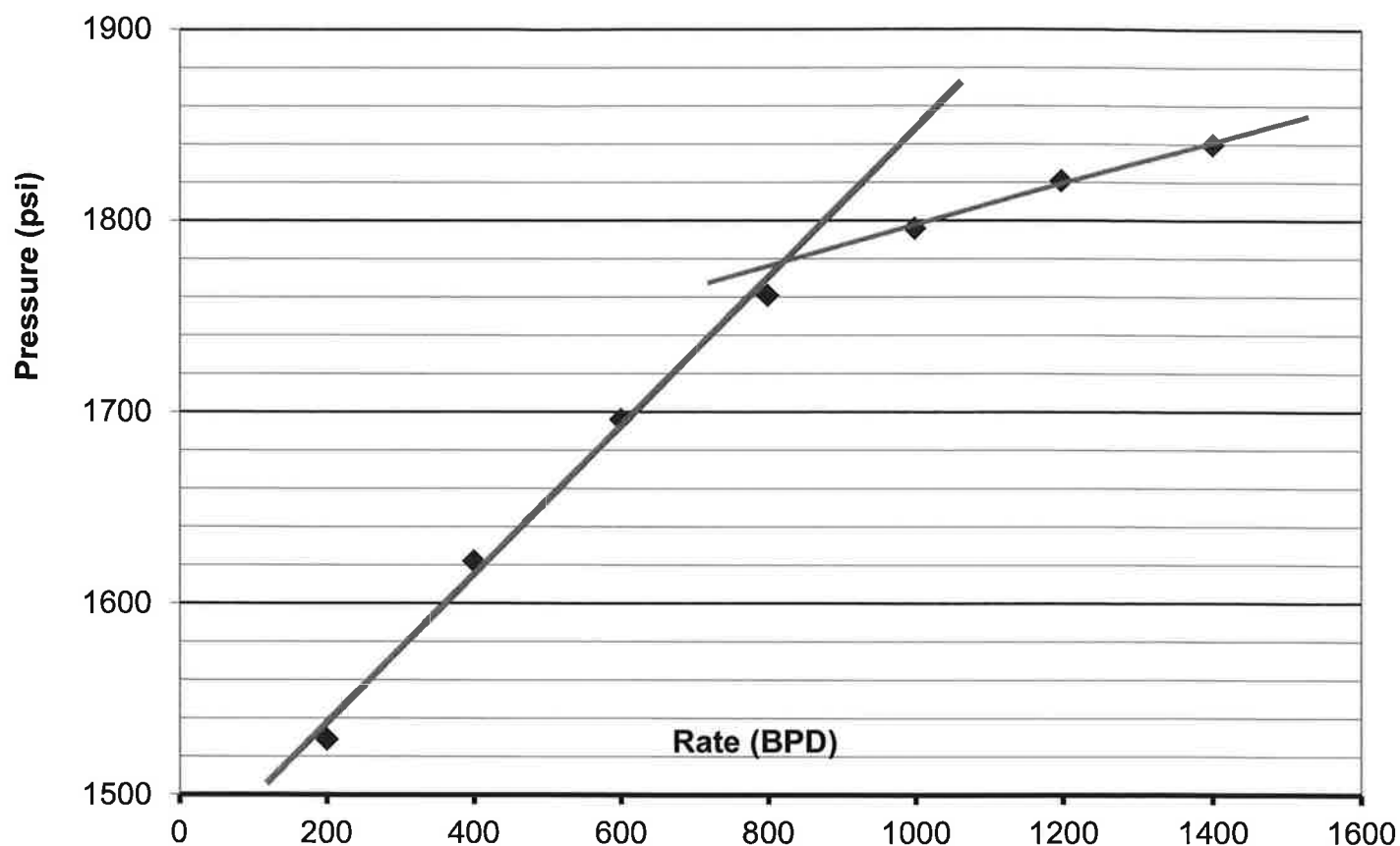
SW/NW Section 15-T9S-R16E

Duchesne Co, Utah

API #43-013-33138; Lease #UTU-79834

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-79834
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: FEDERAL 5-15-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1791 FNL 0578 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 15 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013331380000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/29/2013	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <input type="text" value="Step Rate Test"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. A step rate test was conducted on the subject well on October 29, 2013. Results from the test indicate that the fracture gradient is 0.865 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed from 1627 psi to 1763 psi.		
Accepted by the Utah Division of Oil, Gas and Mining Date: November 07, 2013 By: 		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A		DATE 11/5/2013

**Federal 5-15-9-16
Greater Monument Butte Unit
Step Rate Test
October 29, 2013**



Start Pressure:

1463 psi

Top Perforation:

4174 feet

Fracture pressure (P_{fp}):

1775 psi

FG:

0.865 psi/ft

Step	Rate(bpd)	Pressure(psi)
1	200	1529
2	400	1622
3	600	1696
4	800	1761
5	1000	1796
6	1200	1821
7	1400	1840

Data Table Report

Report Name: PrTemp1000 Data Table
 Report Date: 10/31/2013 12:25:13
 File Name: C:\Program Files (x86)\PTC® Instruments 2.03.12\Federal 5-15-9-16 SRT (10-29-13).csv
 Device: PrTemp1000 - Temperature and Pressure Recorder
 Hardware Revision: REV2C (64K)
 Serial Number: N87695
 Device ID: PrTemp
 Data Start Date: Oct 29, 2013 08:15:01 AM MDT
 Data End Date: Oct 29, 2013 12:15:00 PM MDT
 Reading: 1 to 49 of 49
 Reading Rate: 1 Hour
 Last Calibration Date: Jul 29, 2013
 Next Calibration Date: Jul 29, 2014
 Next Calibration Date: Jul 29, 2014

Federal 5-15-9-16 SRT (10-29-13)

Unit Type (All Units)

Reading DateTime (MDT) Channel 2
 PSIA

1	Oct 29, 2013 08:15:01 AM	1462.8
2	Oct 29, 2013 08:20:00 AM	1462.8
3	Oct 29, 2013 08:25:01 AM	1462.6
4	Oct 29, 2013 08:30:00 AM	1462.4
5	Oct 29, 2013 08:35:01 AM	1462.4
6	Oct 29, 2013 08:40:00 AM	1462.4
7	Oct 29, 2013 08:45:01 AM	1462.6
8	Oct 29, 2013 08:50:01 AM	1495.6
9	Oct 29, 2013 08:55:01 AM	1505.2
10	Oct 29, 2013 09:00:01 AM	1513.6
11	Oct 29, 2013 09:05:00 AM	1520.6
12	Oct 29, 2013 09:10:01 AM	1525
13	Oct 29, 2013 09:15:00 AM	1529
14	Oct 29, 2013 09:20:01 AM	1573.8
15	Oct 29, 2013 09:25:00 AM	1585
16	Oct 29, 2013 09:30:01 AM	1597.4
17	Oct 29, 2013 09:35:13 AM	1606
18	Oct 29, 2013 09:40:01 AM	1613.4
19	Oct 29, 2013 09:45:01 AM	1621.6
20	Oct 29, 2013 09:50:00 AM	1658.4
21	Oct 29, 2013 09:55:01 AM	1670.4
22	Oct 29, 2013 10:00:00 AM	1674
23	Oct 29, 2013 10:05:01 AM	1688.8
24	Oct 29, 2013 10:10:00 AM	1695.2
25	Oct 29, 2013 10:15:01 AM	1696
26	Oct 29, 2013 10:20:01 AM	1726.2
27	Oct 29, 2013 10:25:01 AM	1737.8
28	Oct 29, 2013 10:30:01 AM	1747.2
29	Oct 29, 2013 10:35:00 AM	1751.8
30	Oct 29, 2013 10:40:01 AM	1760.4
31	Oct 29, 2013 10:45:00 AM	1761
32	Oct 29, 2013 10:50:01 AM	1777.6
33	Oct 29, 2013 10:55:00 AM	1779.4
34	Oct 29, 2013 11:00:01 AM	1789.2
35	Oct 29, 2013 11:05:01 AM	1791.8
36	Oct 29, 2013 11:10:01 AM	1789.4
37	Oct 29, 2013 11:15:01 AM	1796
38	Oct 29, 2013 11:20:00 AM	1807.4

Federal 5-15-9-16 SRT (10-29-13)

Unit Type Reading	(All Units) DateTime (MDT)	Channel 2 PSIA
39	Oct 29, 2013 11:25:01 AM	1806.2
40	Oct 29, 2013 11:30:00 AM	1812.2
41	Oct 29, 2013 11:35:01 AM	1815.4
42	Oct 29, 2013 11:40:00 AM	1814.2
43	Oct 29, 2013 11:45:01 AM	1820.6
44	Oct 29, 2013 11:50:01 AM	1830.2
45	Oct 29, 2013 11:55:01 AM	1832.6
46	Oct 29, 2013 12:00:01 PM	1835.6
47	Oct 29, 2013 12:05:00 PM	1837
48	Oct 29, 2013 12:10:01 PM	1841.8
49	Oct 29, 2013 12:15:00 PM	1840

End of Report

Data Table Report

Report Name: PrTemp1000 Data Table
 Report Date: 10/31/2013 12:25:33
 File Name: C:\Program Files (x86)\PTC® Instruments 2.03.12\Federal 5-15-9-16 ISIP (10-29-13).csv
 Device: PrTemp1000 - Temperature and Pressure Recorder
 Hardware Revision: REV2C (64K)
 Serial Number: N87695
 Device ID: PrTemp
 Data Start Date: Oct 29, 2013 12:15:08 PM MDT
 Data End Date: Oct 29, 2013 12:45:09 PM MDT
 Reading: 1 to 31 of 31
 Reading Rate: 1 Hour
 Last Calibration Date: Jul 29, 2013
 Next Calibration Date: Jul 29, 2014
 Next Calibration Date: Jul 29, 2014

Federal 5-15-9-16 ISIP (10-29-13)

Unit Type (All Units)

Reading	DateTime (MDT)	Channel 2 PSIA
1	Oct 29, 2013 12:15:08 PM	1839.8
2	Oct 29, 2013 12:16:09 PM	1766.6
3	Oct 29, 2013 12:17:08 PM	1762.2
4	Oct 29, 2013 12:18:08 PM	1756
5	Oct 29, 2013 12:19:09 PM	1749.8
6	Oct 29, 2013 12:20:08 PM	1745
7	Oct 29, 2013 12:21:08 PM	1740.2
8	Oct 29, 2013 12:22:08 PM	1736.2
9	Oct 29, 2013 12:23:09 PM	1732.2
10	Oct 29, 2013 12:24:08 PM	1728.6
11	Oct 29, 2013 12:25:08 PM	1725
12	Oct 29, 2013 12:26:09 PM	1722
13	Oct 29, 2013 12:27:08 PM	1719
14	Oct 29, 2013 12:28:08 PM	1716.4
15	Oct 29, 2013 12:29:09 PM	1713.6
16	Oct 29, 2013 12:30:08 PM	1711
17	Oct 29, 2013 12:31:08 PM	1708.4
18	Oct 29, 2013 12:32:09 PM	1706.2
19	Oct 29, 2013 12:33:08 PM	1704
20	Oct 29, 2013 12:34:08 PM	1702
21	Oct 29, 2013 12:35:08 PM	1699.8
22	Oct 29, 2013 12:36:08 PM	1697.8
23	Oct 29, 2013 12:37:08 PM	1696.2
24	Oct 29, 2013 12:38:08 PM	1694.4
25	Oct 29, 2013 12:39:09 PM	1692.6
26	Oct 29, 2013 12:40:08 PM	1690.8
27	Oct 29, 2013 12:41:08 PM	1689
28	Oct 29, 2013 12:42:09 PM	1687.2
29	Oct 29, 2013 12:43:08 PM	1686
30	Oct 29, 2013 12:44:08 PM	1684.4
31	Oct 29, 2013 12:45:09 PM	1682.8

End of Report

